

SECTION 15

Floor Levelers

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TECHNICAL DATA SHEET

Dayton Superior underlayments are used to level floors, both wood or concrete, prior to installing tile, carpeting or sheet goods and are designed for interior use

Gypsum-based underlayments are relatively low in compressive strength, slow to cure, are water sensitive and have a minimum application thickness of $\pm\frac{3}{4}$ "

Dayton Superior cement-based underlayments are high in compressive strength, water insensitive, can be installed from 1/16" to 4" and cure quickly.

UNDERLAYMENTS**Levelayer - Premium Self-Leveling Floor Underlayment**

- Approved by the Ceramic Tile Institute
- Not a wearing surface
- Cement-based product, not gypsum
- Applications up to 2" thickness, neat
- Applications over 2" add clean pea gravel per Data Sheet
- Can be applied on wood. Call Tech Service - application information
- Over 5,000 psi compressive strength
- Typically accepts floor coverings in 14 hours

EconoLevel - Self-Leveling Floor Underlayment

- Not a wearing surface
- Cement-based product, not gypsum
- Applications up to 1" thickness, neat
- Applications over 1" add clean pea gravel per Data Sheet
- Can be applied on wood. Call tech Service - application information
- Over 4,000 psi compressive strength
- Typically accepts floor covering in 14 Hours

Sure Finish - Premium Polymer Modified Feather Finish

- Trowel grade underlayment
- Can also be used in exterior, vertical, applications
- Application thickness from a true featheredge up to 1/2"
- No priming needed
- Quick turn around, with a final set in 30 minutes
- Economical - skim coat up to 25 ft² per pound

UNDERLAYMENT PRIMERS**Level Primer J42RTU**

- Ready to use, no dilution needed
- Use Level Prime Concentrate J42 when going over non-absorptive surfaces
- Apply with broom or brush, NOT with a roller
- Do not puddle or over-apply
- Allow primer to completely dry, waiting a minimum of 3 hours

Level Primer Concentrate J42

- Dilute 1:1 with water
- Apply undiluted when going over non-absorptive surfaces or wood
- Apply with broom or brush, NOT with a roller
- Do not puddle or over-apply
- Allow primer to completely dry, waiting a minimum of 3 hours

TECHNICAL DATA SHEET

DESCRIPTION

Econolevel™ is a cement based, non-shrink, self-leveling interior floor underlayment that only requires the addition of water to produce a flowable mixture that can be poured or pumped onto the floor. Econolevel™ is not a gypsum based product.

USE

Econolevel™ can be used to level or create a smooth surface on interior floors. It can be used on new construction projects to correct rough, unfinished or uneven floors prior to installation of the finished flooring.

Econolevel™ can be applied in thickness ranging from a feathered edge to 1 in. (2.5 cm) neat and up to 5 in. (12.7 cm) extended with pea gravel. It develops a superior bond to the substrate and it will accept light foot traffic normally within 4 hours depending on temperature, humidity and jobsite conditions.

FEATURES

- Walk on in 4 hours
- Install breathable/non-breathable floor covering in as little as 14-16 hours
- Install up to 5 in. (12.7 cm) thick
- High Compressive Strength
- Pumpable

PROPERTIES

Compressive Strength: (ASTM C 109):

1 day	2000 psi (13.8 MPa)
7 days	3000 psi (20.7 MPa)
28 days	4000 psi (27.6 MPa)

Initial Set:	60- 120 minutes
Final Set:	90 - 150minutes
Self-Leveling Working Time:	15 minutes

Note: The data shown is typical for controlled laboratory conditions. Reasonable variation from these results can be expected due to interlaboratory precision and bias. When testing the field mixed material, other factors such as variations in mixing, water content, temperature and curing conditions should be considered.

ESTIMATING GUIDE

Primer Concentrate: Level Primer J42 – 200 - 400 sq. ft./gal. (4.92 - 9.84 sq m/L) after dilution 1:1 with water

Ready to use Primer: Level Primer J42RTU – 200-400 sq. ft./ gal. (4.92 - 9.84 sq m/L)

Substrate texture and porosity will influence the actual coverage rate

Econolevel™ – 45 to 50 sq. ft. at 1/8 in. (4.2- 4.7 sq m at 0.3 cm) thickness per 50 lb. (22.67 kg) bag.

Drying Time: J42 / J42RTU primers – 2-3 hours at 70° F (21.10C) and 50% relative humidity

Econolevel™ – 2-4 hours for foot traffic at 70° F (21.10C)

PACKAGING

ITEM #	PACKAGE	SIZE	
		lbs	kg
308189	Bag	50	22.67

Product	Item #	Packaging	Size (gal.)	Size (L)
J42	69114	Units/4 per case	1	3.8
J42	69113	Pail	5	18.9
J42 RTU	308190	Units/4 per case	1	3.8
J42RTU	308191	Pail	5	18.9

STORAGE

Store in a cool, dry area free from direct sunlight. Shelf life of unopened bags, when stored in a dry facility is 12 months. Excessive temperature differential and /or high humidity can shorten the shelf life expectancy.

APPLICATION

Surface Preparation: To prepare surface, follow all standard ACI and ICRI recommendations. Remove all dirt, gas, oil, grease, carpet, adhesives, asphalt, paint, curing compounds, and all loose surface materials. On tight troweled or burnished surfaces prepare surface by mechanical measures (i.e. shotblasting) to achieve a surface profile equal to a CSP 3 in accord with ICRI guidelines. All cracks must be repaired and filled. Cracks that exhibit movement must be either left open through the topping or repaired in such a way as to stop the movement. Any and all control, expansion, or other joints must not be filled with the Econolevel™.

For removing dirt, grease, carpet adhesives and certain paints and curing compounds use Dayton Superior's Citrus Cleaner J48.

Priming: Prime concrete surface with Dayton Superior's J42 or the J42RTU using a brush or broom. Allow the primer to dry completely to the touch before proceeding, at least 3 hours at 70° F (21° C), and 50% R.H. (Do not wait longer than 72 hours.) refer to the primer data sheets for complete instructions.

Mixing: Pour 5 1/2 qt. (5.2 L) of water into a mixing container, then add one 50 lb. (22.67 kg) bag of Econolevel™. Never use more than 5 1/2 qt. (5.2 L) of water for mixing per bag. With a blending paddle attached to a heavy duty electric drill (650 rpm), mix for two to three minutes until mixture is smooth and free of lumps. For pumping applications, mix for one to two minutes in the pump's mixing tank. Do not over water or retemper. Econolevel™ can be extended by adding 15 lbs.(6.8 kg) of 3/8 in. (1 cm) pea gravel for each 50 lbs. (22.7 kg) of product. This is required with applications greater than 1 in. (2.5 cm) thick. First mix Econolevel™ as provided in earlier instructions, then during the last minute of mixing add the required aggregate.

Should a finish coat then be required, apply a non-extended layer of Econolevel™ after the first pour becomes walkable. Re-prime the first pour with another application of the J42 or J-42RTU bonding agent.

Water Requirements: 5 1/2 qt.(5.2 L) water per 50 lb.(22.7 kg) bag of Econolevel™. Do not over water as that can cause segregation and a weak surface.

Placement: Minimum thickness recommended is 1/8" (0.3 cm) over the highest point in the floor but material can be feathered at edges to match an existing elevation. Pour Econolevel™ over the substrate spreading the material with a long-handled spreader. For ease of mixing and application, use the Dayton Superior tool kit for installing Econolevel™. Material can be pumped using an appropriately sized grout pump. Econolevel™ will level itself during the first 15 minutes at 70° F (21°C) and will accept foot traffic approximately 4 hours after installation.

Do not install Econolevel™ when the surface and ambient temperature is less than 40° F (4° C). During hot weather, reduce the size of the work area, keep bags of material cool prior to mixing and use cold water for mixing. Not recommended for application if air, substrate or material temperatures are above 90°F (32°C) as work time, flow and leveling properties will be diminished. Protect from winds until material has reached final set.

CLEAN UP

Use water prior to material hardening. After material has hardened abrasive methods are required

LIMITATIONS

FOR PROFESSIONAL USE ONLY

Protect the placement from excessive drying due to heat & wind.

Do not install when the surface and ambient temperatures are below 40° F (4° C) and use cool water when ambient temperature is above 90° F (32° C)

No other admixtures are allowed to be used with this product.

Avoid contact with skin. Skin is sensitive to cement. Prolonged contact may result in severe burns.

Wearing rubber gloves is recommended.

If eye contact occurs, flush immediately with water.

PRECAUTIONS

READ MSDS PRIOR TO USING PRODUCT

- Product contains Crystalline Silica and Portland Cement, Avoid breathing dust – Silica may cause serious lung problems
- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (Goggles, Safety Glasses and/or Face Shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements

MANUFACTURER

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Customer Service: 888-977-9600
Technical Services: 866-329-8724
Website: www.daytonsuperior.com

WARRANTY

Dayton Superior Corporation ("Dayton") warrants for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Dayton, the product is free of manufacturing defects and conforms to Dayton's product properties in force on the date of acceptance by Dayton of the order. Dayton shall only be liable under this warranty if the product has been applied, used, and stored in accordance with Dayton's instructions, especially surface preparation and installation, in force on the date of acceptance by Dayton of the order. The purchaser must examine the product when received and promptly notify Dayton in writing of any non-conformity before the product is used and no later than 30 days after such non-conformity is first discovered. If Dayton, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Dayton officer is authorized to modify this warranty. The information in this data sheet supersedes all other sales information received by the customer during the sales process. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

TECHNICAL DATA SHEET

DESCRIPTION

Level Primer J42 is a concentrated re-emulsifiable primer designed to be used with the Dayton Superior Leveler, Econolevel and Level Topping products. Level Primer J42 works as both a sealer to help prevent pinholes in floor leveling materials and as a bonding agent to ensure good adhesion.

USE

Use Level Primer J42 prior to application of interior self leveling underlayments and floor toppings to reduce pinholes and improve the bond of the floor leveler to concrete surfaces

FEATURES

- VOC compliant
- Excellent bond strengths
- Allows up to 24 hours to place underlayment / topping

PROPERTIES

Drying Time: Drying time is two to three hours at 70° F (21.1°C). Drying time can be longer in enclosed areas, cool temperatures or high humidity.

VOC

(1) g/L. Compliant with all US VOC regulations including Federal EPA, OTC, LADCO, SCAQMD & CARB.

ESTIMATING GUIDE

Coverage: After diluting with equal parts of water – 200-400 sq. ft. /gallon (4.92- 9.84 sq m /L)

Substrate texture and porosity will influence the actual coverage rate. Certain conditions, outlined in the Placement section, may require the primer to be applied in 2 coats or without dilution for proper performance.

PACKAGING

ITEM #	PACKAGE	SIZE	
		Gallons	Liters
69114	(4/case)	1	3.78
69113	Pail	5	18.93

STORAGE

Level Primer J42 should be stored in tightly sealed original factory containers. Keep from freezing. The shelf life of a properly stored unopened container is 12 months.

APPLICATION

Surface Preparation: The floor area to be covered with Level Primer J42, whether a new concrete floor or an old floor, should be structurally sound and free of dust, dirt, grease and previously applied coatings. Major cracks and spalls should be repaired with a concrete patching material. Level Primer J42 can be used as a primer for those repairs. Very porous floors may be dampened with water, without ponding or puddling prior to application of Level Primer J42.

Mixing: Level Prime Concentrate J42 should be thoroughly mixed prior to dilution. Then blend equal parts (1 to 1 dilution ratio) Level Primer J42 with water. Stir gently until completely mixed.

Placement: Best results can be obtained by applying the Level Primer J42 primer to the floor area with a push broom in a scrubbing motion to assure penetration and formation of a complete uniform film on the surface of the floor. Apply evenly and do not allow the material to puddle. Accumulation in low areas should be wiped up. Level Primer J42, under normal conditions, can be applied up to twenty-four hours before the installation of the floor leveler providing the floor is kept dry, clean of all foreign material and there is no traffic which might wear the Level Primer J42 off. For applications that exceed twenty-four hours, Level Primer J42 should be re-applied. Level Primer J42 must be allowed to fully dry, approximately 3 hours depending on the ambient conditions, prior to installation of floor leveling material. Level Primer J42 should create a continuous film upon the surface of the concrete. If not, re-apply Level Primer J42. Very porous surfaces may require two applications of Level Primer J42.

Apply Level Primer J42 without dilution to non porous floors.

Contact Dayton Superior Technical Services for additional information.

CLEAN UP

Tools and equipment use: Clean Water

LIMITATIONS FOR PROFESSIONAL USE ONLY

Do not use below 40°F (4°C). Maintain 40°F (4°C) as a minimum air and substrate temperature for 48 hours.

Allow product to fully dry prior to installing floor leveling material

Reapply material if floor leveling material is not applied within

Bonding Agent

24 hours after initial application of material

Designed for interior use only

Do not use in areas subject to constant water exposure or frequent immersion

Do not apply onto water soluble substrates

MANUFACTURER

Dayton Superior Corporation

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Customer Service: 888-977-9600

Technical Services: 866-329-8724

Website: www.daytonsuperior.com

PRECAUTIONS

READ MSDS PRIOR TO USING PRODUCT

- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (Goggles, Safety Glasses and/or Face Shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements

WARRANTY

Dayton Superior Corporation ("Dayton") warrants for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Dayton, the product is free of manufacturing defects and conforms to Dayton's product properties in force on the date of acceptance by Dayton of the order. Dayton shall only be liable under this warranty if the product has been applied, used, and stored in accordance with Dayton's instructions, especially surface preparation and installation, in force on the date of acceptance by Dayton of the order. The purchaser must examine the product when received and promptly notify Dayton in writing of any non-conformity before the product is used and no later than 30 days after such non-conformity is first discovered. If Dayton, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Dayton officer is authorized to modify this warranty. The information in this data sheet supersedes all other sales information received by the customer during the sales process. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

TECHNICAL DATA SHEET

DESCRIPTION

Level Primer J42RTU is a ready to use re-emulsifiable primer designed to be used with the Dayton Superior Levelayer, Econolevel and Level Topping products. Level Primer J42RTU works as both a sealer to help prevent pinholes in floor leveling materials and as a bonding agent to ensure good adhesion.

USE

Use Level Primer J42RTU prior to application of interior self leveling underlayments and floor toppings to reduce pinholes and improve the bond of the floor leveler to concrete surfaces

FEATURES

- Ready to use, no dilution required
- VOC compliant
- Excellent bond strengths

PROPERTIES

Drying time is two to three hours at 70° F (21.1°C).

Drying time can be longer in enclosed areas, cool temperatures or high humidity.

VOC

(0) g/L. Compliant with all US VOC regulations including Federal EPA, OTC, LADCO, SCAQMD & CARB.

ESTIMATING GUIDE

Coverage: 200-400 sq. ft./gallon (4.92- 9.84 sq m/L)

Substrate texture and porosity will influence the actual coverage rate.

Very porous surfaces may require two applications of Level Primer J42RTU.

PACKAGING

ITEM #	PACKAGE	SIZE	
		Gallons	Liters
308190	(4/case)	1	3.78
308191	Pail	5	18.93

STORAGE

Level Primer J42RTU should be stored in tightly sealed original factory containers Do Not Allow To Freeze. The shelf life of a properly stored unopened container is 12 months.

APPLICATION

Surface Preparation: The floor area to be covered with Level Primer J42RTU should be structurally sound and free of dust, dirt, grease and previously applied coatings. Major cracks and spalls should be repaired with a concrete patching material. Level Primer J42RTU can be used as a primer for those repairs. Very porous floors may be dampened with water, without ponding or puddling prior to application of Level Primer J42RTU.

Mixing: Level Primer J42RTU should be thoroughly mixed prior to application. Do not thin or dilute.

Placement: Level Primer J42RTU comes ready-to-use. Best results can be obtained by applying the primer to the floor area with a push broom in a scrubbing motion to assure penetration and formation of a complete uniform film on the surface of the floor. Apply evenly and do not allow the material to puddle. Accumulation in low areas should be wiped up. Level Primer J42RTU, under normal conditions, can be applied up to twenty-four hours before the installation of the floor leveler providing the floor is kept dry, clean of all foreign material and there is no traffic which might wear the Level Primer J42RTU off. For applications that exceed twenty-four hours, Level Primer J42RTU should be re-applied. Level Primer J42RTU must be allowed to fully dry, approximately 3 hours depending on the ambient conditions, prior to installation of floor leveling material. Level Primer J42RTU should create a continuous film upon the surface of the concrete. If not, re-apply Level Primer J42RTU. Very porous surfaces may require two applications of Level Primer J42RTU

For non porous floors, use Dayton Superior Level Primer Concentrate J42. Contact Dayton Superior Technical Services for additional information.

CLEAN UP

Tools and equipment use: Clean Water

Bonding Agent

LIMITATIONS

FOR PROFESSIONAL USE ONLY

Do not use below 40°F (4°C). Maintain 40°F (4°C) as a minimum air and substrate temperature for 48 hours.

Allow product to dry prior to installing floor leveling material

Reapply material if floor leveling material is not applied within 24 hours after initial application of material

Designed for interior use only

Do not use in areas subject to constant water exposure or frequent immersion

Do not apply onto water soluble substrates

PRECAUTIONS

READ MSDS PRIOR TO USING PRODUCT

- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (Goggles, Safety Glasses and/or Face Shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements

MANUFACTURER

Dayton Superior Corporation

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WARRANTY

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Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

TECHNICAL DATA SHEET

DESCRIPTION

Level Topping™ is Dayton Superior's premium cement based, non-shrinking, self-leveling interior floor topping designed as a wearing surface. Level Topping™ only requires the addition of water to produce a flowable mixture that can be poured or pumped onto the floor. Level Topping™ is not a gypsum based product.

USE

Level Topping™ can be used to level or create a solid surface on interior industrial type concrete floors. It can be used on new construction projects to correct rough or unfinished concrete and to level out uneven floors. On restoration projects, use Level Topping™ to produce a hard even finish over old concrete. Do not use outdoors.

Level Topping™ can be applied in thickness ranging from ¼ in. to 1-1/2 in. (0.64-3.8 cm) neat and up to 4 in. (10.2 cm) extended with pea gravel. It develops a superior bond to the substrate and it will accept light foot traffic normally within 4 hours and light rubber tired traffic in 24 hours.

FEATURES

- Topping designed for traffic
- High Strength
- Excellent bonding
- Pourable / pumpable
- Cement base
- Accepts light traffic normally in 24 hours
- Available in gray and white colors

PROPERTIES

Compressive Strength – (ASTM C-109)

1 day 2500 psi (17.2 MPa)

7 days 4500 psi (31.0 MPa)

28 days 5500 psi (37.9 MPa)

Initial Set: 60-120 minutes

Final Set: 90- 150 minutes

Self-Leveling Working Time: 15 minutes at 70° F (21°C)

Drying Time:

At 70° F (21°C) and 50% R.H:

J42RTU and J42 Primers – 3 hours minimum

Level Topping™ – 4 hours for foot traffic

24 hours for light traffic

3-7 days for heavy traffic

Note: The data shown is typical for controlled laboratory conditions. Reasonable variation from these results can be expected due to interlaboratory precision and bias. When testing the field mixed material, other factors such as variations in mixing, water content, temperature and curing conditions should be considered.

ESTIMATING GUIDE

Level Primer J42 – 200 - 400 sq. ft./gal. (4.92 - 9.84 sq m/L) after dilution 1:1 with water

Level Primer J42RTU – 200-400 sq. ft./gal. (4.92 - 9.84 sq m/L)

Texture and absorption of surface will determine final coverage rates. Porous concrete surfaces may require additional material

Level Topping™ - 23 sq. ft. at ¼ in thickness per 50 lb. bag (2.13 sq m at 0.6 cm per 22.7 kg).

PACKAGING

Product	Item #	Packaging	Size	
			Lbs.	Kg
Level Topping	67457	Bag	50	22.7

Product	Item #	Packaging	Size	
			Gal.	L
J42	69114	Units/4 per case	1	3.79
J42	69113	Pail	5	18.93
J42 RTU	308190	Units/4 per case	1	3.79
J42RTU	308191	Pail	5	18.93

STORAGE

Store in a cool, dry area free from direct sunlight. Shelf life of unopened bags, when stored in a dry facility is 12 months. Excessive temperature differential and /or high humidity can shorten the shelf life expectancy.

APPLICATION

Surface Preparation: To prepare surface, follow all standard ACI and ICRI recommendations. Remove all dirt, gas, oil, grease, carpet, adhesives, asphalt, paint, curing compounds, and all loose surface materials. All cracks must be repaired and filled. Cracks that exhibit movement must be either left open through the topping or repaired in such a way as to stop the movement. Any and all control, expansion, or other joints must not be filled with the Level Topping™.

Floor Topping

For removing dirt, grease, carpet adhesives and certain paints and curing compounds use Dayton Superior's Citrus Cleaner J48. Do not use Level Topping™ on painted or sealed surfaces.

Priming: Prime concrete surface with Dayton Superior's J42 or the J42RTU using a brush or broom. Allow the primer to dry completely to the touch before proceeding, at least 3 hours at 70° F (21° C), and 50% R.H. (Do not wait longer than 72 hours.) refer to the primer data sheets for complete instructions.

Mixing: Pour 4 quarts (3.79 liters) of water into a mixing container, then add one 50 lb. (22.67 kg) bag of Level Topping™. Never use more than 4 quarts (3.79 liters) of water for mixing per bag. With a blending paddle attached to a heavy duty electric drill (650 rpm), mix for one to two minutes until mixture is smooth and free of lumps. For pumping applications, mix for one to two minutes in the pump's mixing tank. Do not over water or retemper. Level Topping™ can be extended by adding 15 lbs. (6.8 kg) of 3/8 in. (1 cm) pea gravel for each 50 lbs. (22.67 kg) of product. This is required in layer areas over 1-1/2 in. (3.81 cm) thick. First mix Level Topping™ as provided in earlier instructions, then during the last minute of mixing add the required aggregate.

Should a finish coat then be required, apply a non-extended layer of Level Topping™ after the first pour becomes walkable. Re-prime the first pour with another application of the J42 or J-42RTU bonding agent.

Water Requirements: 4 qt.(3.79 L) water per 50 lb.(22.67 kg) bag of Econolevel™. Do not over water as that can cause segregation and a weak surface.

Placement: Pour Level Topping™ over the substrate spreading the material with a long-handled spreader. For ease of mixing and application, use the Dayton Superior tool kit for installing Level Topping™. Level Topping™ can be pumped using an appropriately sized grout pump. No troweling is necessary. Level Topping™ will level itself during the first 15 minutes at 70° F (21°C) and will accept foot traffic approximately 4 hours after installation.

Do not install Level Topping™ when the surface and ambient temperature is less than 40°F (4°C). During hot weather, reduce the size of the work area, keep bags of material cool prior to mixing and use cold water for mixing. Not recommended for application if air, substrate or material temperatures are above 90°F (32.20C) as work time, flow and leveling properties will be diminished. Protect from winds until material has reached final set.

CLEAN UP

Use water prior to material hardening. After material has hardened abrasive methods are required

LIMITATIONS FOR PROFESSIONAL USE ONLY

Protect the placement from excessive drying due to heat and wind.

Do not install when the surface and ambient temperatures are below 40° F (4° C)

No other admixtures are allowed to be used with this product.

Avoid contact with skin. Skin is sensitive to cement. Prolonged contact may result in severe burns.

Wearing rubber gloves is recommended.

If eye contact occurs, flush immediately with water.

PRECAUTIONS READ MSDS PRIOR TO USING PRODUCT

- Product contains Crystalline Silica and Portland Cement, Avoid breathing dust – Silica may cause serious lung problems
- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (Goggles, Safety Glasses and/or Face Shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements

MANUFACTURER

Dayton Superior Corporation
1125 Byers Road
Miamisburg, OH 45342
Customer Service: 888-977-9600
Technical Services: 866-329-8724
Website: www.daytonsuperior.com

WARRANTY

Dayton Superior Corporation ("Dayton") warrants for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Dayton, the product is free of manufacturing defects and conforms to Dayton's product properties in force on the date of acceptance by Dayton of the order. Dayton shall only be liable under this warranty if the product has been applied, used, and stored in accordance with Dayton's instructions, especially surface preparation and installation, in force on the date of acceptance by Dayton of the order. The purchaser must examine the product when received and promptly notify Dayton in writing of any non-conformity before the product is used and no later than 30 days after such non-conformity is first discovered. If Dayton, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Dayton officer is authorized to modify this warranty. The information in this data sheet supersedes all other sales information received by the customer during the sales process. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

TECHNICAL DATA SHEET

DESCRIPTION

Level Topping™ Exterior is a premium cement based, nonshrink, self-leveling topping designed for leveling horizontal concrete. Level Topping™ Exterior only requires the addition of water to produce a flowable mixture that can be poured or pumped onto the floor. Level Topping™ is not a gypsum based product.

USE

Level Topping™ Exterior can be used to resurface sound, properly prepared concrete surfaces. It can be used on new construction projects to correct rough or unfinished concrete and to level uneven concrete slabs.

On restoration projects, use Level Topping™ Exterior to produce a hard even finish over old concrete. Typical areas of use include walkways, balconies, patios, driveways, garage floors, loading docks, and parking decks. Level Topping™ Exterior is appropriate for use for foot and rubber wheeled traffic for interior or exterior applications. Walkable in 4 hours; Drive on it in 24 hours; flowable and pumpable for better productivity.

Level Topping™ Exterior can be applied in thicknesses ranging from 1/4" to 1" (0.6 to 2.5 cm) neat and up to 3" (7.6 cm) extended with clean 3/8" (0.10 cm) pea grave.

FEATURES

- Topping designed for interior & exterior use
- Portland Cement Based
- Walkable in 4 hours
- Drive on it in 24 hours
- Pourable / pumpable
- Excellent bonding
- Non-shrink
- High compressive strength

PROPERTIES

Compressive Strength – (ASTM C-109)
 24 hours 3,000 psi (20.7 MPa)
 7 days 4,000 psi (27.6 MPa)
 28 days 5,000 psi (34.5 MPa)

Initial Set: 60-120 minutes
 Final Set: 90-150 minutes
 Self-Leveling Working Time: 20 minutes at 70°F (21°C)

Note: The data shown is typical for controlled laboratory conditions. Reasonable variation from these results can be expected due to interlaboratory precision and bias. When testing the field mixed material, other factors such as variations

in mixing, water content, temperature and curing conditions should be considered.

ESTIMATING GUIDE

Level Topping™ Exterior: 25 to 27 sq. ft. @ 1/4 in. (2.3 to 2.5 sq m @ 0.6 cm) thickness per 50 lbs. (22.67 kg) bag.

Drying Time: 4 hours for foot traffic @ 70°F (21°C)
 24 hours for heavy traffic @ 70°F (21°C)

PACKAGING

ITEM #	PACKAGE	SIZE	
		lbs	kg
306188	Bag	50	22.67

STORAGE

Store in a cool, dry area free from direct sunlight. Shelf life of unopened bags, when stored in a dry facility is 12 months. Excessive temperature differential and /or high humidity can shorten the shelf life expectancy.

APPLICATION

Surface Preparation: Substrate cleaning and preparation is critical to the overall success of the application. To prepare surface, follow all standard ACI and ICRI recommendations. All surfaces must be clean and free of contaminants that would interfere with adhesion. This includes paints and other coatings, curing compounds, sealers or water repellents, grease, oil, asphalt, dirt, dust, or any chemical contaminants. All surfaces should be shot blasted or mechanically scarified to produce a profiled surface. All cracks must be repaired and filled. Cracks that exhibit movement must be either left open through the topping or repaired in such a way as to stop the movement. Any and all control, expansion, or other joints must not be filled with the Level Topping™ Exterior. Just prior to the application of Level Topping™ Exterior, dampen the surface with water. Do not apply Level Topping™ Exterior to a dry surface.

Mixing: Level Topping™ Exterior is to be mixed in full bag batches. Do not mix partial bags. Each 50 lb. (22.67 kg) bag of Level Topping™ Exterior is to be mixed with 1 gal, (3.79 L) of clean, potable water. Measure and place the proper amount of water for each bag into a mixing container. Using a paddle type mixer on a slow speed drill (600-800), place the paddle in the mixing water and start the drill. Slowly add the Level Topping™ Exterior powder. Mix for a minimum of 2 minutes until lump free. Scrape the sides of the mixing container and remix for 1 minute. The mixed material should be lump free and have a stiff pancake batter consistency. Multiple bags may be mixed with equipment

Floor Topping

designed for cement based underlayments or toppings. Do not mix more material than can be placed within 15-20 minutes. If adding extender aggregate to the mixture, which is required for applications greater than 1 in. (2.5 cm), add up to 25 lbs. (11.34 kg) of clean, dampened, well graded 3/8 in. (1 cm) pea gravel after the material has been mixed per the above instructions. Do not use wet aggregate for it will add water to the mix, lowering the physical properties of the material.

Placement: Apply material to dampened surface then immediately work material into the substrate with a medium to stiff bristle broom. Follow the brooming action with additional material to bring to the desired thickness. For ease of mixing and application, use the Dayton Superior tool kit for installing Level Topping™ Exterior. Level Topping™ Exterior can be pumped using an appropriately sized grout pump. For more information on grout pumps and pumping, contact Dayton Superior technical services.

Do not install Level Topping™ Exterior when the surface and ambient temperature is less than 40° F (4°C). During hot weather, reduce the size of the work area, keep bags of material cool prior to mixing and use cold water for mixing. Not recommended for application if air, substrate or material temperatures are above 90°F (32°C) as work time, flow and leveling properties will be diminished. Protect from winds until material has reached final set.

CLEAN UP

Use water prior to material hardening. After material has hardened abrasive methods are required

LIMITATIONS FOR PROFESSIONAL USE ONLY

Protect the pour from excessive drying due to heat and wind.

Do not install when the surface and ambient temperatures are below 40° F (4° C)

No other admixtures are allowed to be used with this product.

Avoid contact with skin. Skin is sensitive to cement. Prolonged contact may result in severe burns.

Wearing rubber gloves is recommended.

If eye contact occurs, flush immediately with water.

PRECAUTIONS

READ MSDS PRIOR TO USING PRODUCT

- Product contains Crystalline Silica and Portland Cement, Avoid breathing dust – Silica may cause serious lung problems
- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (Goggles, Safety Glasses and/or Face Shield)

- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed
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Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

TECHNICAL DATA SHEET

DESCRIPTION

Dayton Superior LevelLayer® is a cement based, nonshrink, self-leveling floor underlayment designed for interior use. The LevelLayer® provides a smooth subfloor that typically will accept floor coverings in as little as 14 hours after installation. Just mix LevelLayer® with water, pour or pump, and it will seek its own level to produce a smooth, flat, hard surface.

USE

LevelLayer® can be used to level or create a smooth surface on interior floors. It can be used on new construction projects to correct rough, unfinished, or uneven floors. On restoration projects, use LevelLayer® to produce a smooth, even finish over the existing substrate.

LevelLayer® can be applied in thicknesses ranging from a feathered edge up to 2 in. (5.1 cm). It can be installed up to 5 in. (12.7 cm) in thickness with the addition of clean 3/8 in. (0.95 cm) pea gravel. LevelLayer® will develop a superior bond to the substrate and will normally accept foot traffic within 4 hours depending upon temperature, humidity and other jobsite conditions.

FEATURES

- Walk on in 4 hours
- Install breathable/non-breathable floor covering in as little as 14-16 hours
- Install up to 5 in. (12.7 cm) thick
- High Compressive Strength
- Pumpable

PROPERTIES

Compressive Strength: (ASTM C 109):
 1 day 2500 psi (17.2 MPa)
 7 days 4000 psi (27.6 MPa)
 28 days 5000 psi (34.5 MPa)

Initial Set: 60- 120 minutes

Final Set: 90-150 minutes

Self-Leveling Working Time: 20 minutes

Note: The data shown is typical for controlled laboratory conditions. Reasonable variation from these results can be expected due to interlaboratory precision and bias. When testing the field mixed material, other factors such as variations in mixing, water content, temperature and curing conditions should be considered.

ESTIMATING GUIDE

Primer Concentrate: Level Primer J42 – 200 - 400 sq. ft./gal. (4.92 - 9.84 sq m/L) after dilution 1:1 with water

Ready to use Primer: Level Primer J42RTU – 200-400 sq. ft./ gal. (4.92 - 9.84 sq m/L)

Substrate texture and porosity will influence the actual coverage rate

LevelLayer® – 50 to 55 sq. ft. at 1/8 in. (4.6-5.1 sq m at 0.3 cm) thickness per 50 lbs. (22.67 kg) bag.

Drying Time: J42 / J42RTU primers - 2-3 hours at 70°F (21.10C) and 50% relative humidity

LevelLayer® – 2-4 hours for foot traffic at 70°F (21.10C)

PACKAGING

ITEM #	PACKAGE	SIZE	
		lbs	kg
67451	Bag	50	22.67

Product	Item #	Packaging	Size (gal.)	Size (L)
J42	69114	Units/4 per case	1	3.8
J42	69113	Pail	5	18.9
J42 RTU	308190	Units/4 per case	1	3.8
J42RTU	308191	Pail	5	18.9

STORAGE

Store in a cool, dry area free from direct sunlight. Shelf life of unopened bags, when stored in a dry facility is 12 months. Excessive temperature differential and /or high humidity can shorten the shelf life expectancy.

APPLICATION

Surface Preparation: To prepare surface, follow all standard ACI and ICRI recommendations. Remove all dirt, gas, oil, grease, carpet, adhesives, asphalt, paint, curing compounds, and all loose surface materials. On tight troweled or burnished surfaces prepare surface by mechanical measures (i.e. shotblasting) to achieve a surface profile equal to a CSP 3 in accord with ICRI guidelines. All cracks must be repaired and filled. Cracks that exhibit movement must be either left open through the topping or repaired in such a way as to stop the movement. Any and all control, expansion, or other joints must not be filled with the LevelLayer®.

For removing dirt, grease, carpet adhesives and certain paints and curing compounds use Dayton Superior's Citrus Cleaner J48.

Priming: Prime concrete surface with Dayton Superior's J42 or the J42RTU using a brush or broom. Allow the primer to dry completely to the touch before proceeding, at least 3 hours at 70° F (21° C), and 50% R.H. (Do not wait longer than 72 hours.) refer to the primer data sheets for complete instructions.

Mixing: Pour 6 1/2 qt. (6.15 L) of water into a mixing container, then add one 50 lb. (22.67 kg) bag of Levelayer®. Never use more than 6 1/2 qt. (6.15 L) of water for mixing per bag. With a blending paddle attached to a heavy duty electric drill (650 rpm), mix for two to three minutes until mixture is smooth and free of lumps. For pumping applications, mix for one to two minutes in the pump's mixing tank. Do not over water or retemper. Levelayer® can be extended by adding 15 lbs. (6.8 kg) of 3/8 in. (1 cm) pea gravel for each 50 lbs. (22.67 kg) of product. This is required with applications greater than 2 in. (5.1 cm.) thick. First mix Levelayer® as provided in earlier instructions, then during the last minute of mixing add the required aggregate. Should a finish coat then be required, apply a non-extended layer of Levelayer® after the first pour becomes walkable. Re-prime the first pour with another application of the J42 or J-42RTU bonding agent.

Water Requirements: 6 1/2 qt. (6.15 L) water per 50 lb. (22.67 kg) bag of Econolevel™. Do not over water as that can cause segregation and a weak surface.

Placement: Minimum thickness recommended is 1/8" (0.3) over the highest point in the floor but material can be feathered at edges to match an existing elevation. Pour Levelayer® over the substrate spreading the material with a long-handled spreader. For ease of mixing and application, use the Dayton Superior tool kit for installing Levelayer®. Material can be pumped using an appropriately sized grout pump. Levelayer® will level itself during the first 15 minutes at 70° F (21°C) and will accept foot traffic approximately 4 hours after installation.

Do not install Levelayer® when the surface and ambient temperature is less than 40°F (4°C). During hot weather, reduce the size of the work area, keep bags of material cool prior to mixing and use cold water for mixing. Not recommended for application if air, substrate or material temperatures are above 90°F (32°C) as work time, flow and leveling properties will be diminished. Protect from winds until material has reached final set.

CLEAN UP

Use water prior to material hardening. After material has hardened abrasive methods are required

LIMITATIONS

FOR PROFESSIONAL USE ONLY

Protect the placement from excessive drying due to heat & wind.

Do not install when the surface and ambient temperatures are below 40° F (4° C) and use cool water when ambient temperature is above 90° F (32° C)

No other admixtures are allowed to be used with this product.

Avoid contact with skin. Skin is sensitive to cement. Prolonged contact may result in severe burns.

Wearing rubber gloves is recommended.

If eye contact occurs, flush immediately with water.

PRECAUTIONS

READ MSDS PRIOR TO USING PRODUCT

- Product contains Crystalline Silica and Portland Cement, Avoid breathing dust – Silica may cause serious lung problems
- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (Goggles, Safety Glasses and/or Face Shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements

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Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

TECHNICAL DATA SHEET

DESCRIPTION

Dayton Superior Sure Finish™ is a trowel applied, highly polymer modified, cement based, rapid setting underlayment. It provides an exceptionally smooth, true "feather finish" to a wide variety of substrates, including wood, concrete, ceramic and existing resilient flooring. Sure Finish™ can also be used indoors to repair damaged concrete wall surfaces and on exterior concrete walls that are to be coated.

USE

Sure Finish™ can be used to create an exceptionally smooth underlayment prior to the installation of floor coverings such as carpet, VCT, sheet vinyl, wood and other flooring surfaces.

FEATURES

- Skim coat up to 30 sq. ft. per lb.
- Compressive strength exceeds 4000 psi (27.58 MPa)
- No sand or aggregate fillers
- Mix with water only
- No priming required
- Exceptional bond to most surfaces
- Polymer modified for superior bond strength
- Featheredge up to 1/2" (1.27cm) in one application
- Flooring Installation Time at 70°F (21°C) – 50-60 minutes

PROPERTIES

Pot Life at 70°F (21°C) – 15-25 minutes
Final Set at 70°F (21°C) – 30-40 minutes

ESTIMATING GUIDE

Approximately 30 sq. ft. at 1/8 in. (2.79 sq m @ 0.3 cm) thickness per 10 lb. (4.54 kg) pail
Approximately 250-300 sq. ft. /10 lb. (23.2-27.9 sq m /4.54 kg) pail for skim coating, depending upon the type and porosity of the substrate.

Substrate texture and porosity will influence the actual coverage rate

PACKAGING

ITEM #	PACKAGE	SIZE	
		lbs	kg
305629	Pail	10	4.54
305630	Pail	25	11.34

STORAGE

Store in a cool, dry area free from direct sunlight. Shelf life of unopened pails, when stored in a dry facility is 12 months. Excessive temperature differential and /or high humidity can shorten the shelf life expectancy.

APPLICATION

Surface Preparation: To prepare surface, follow all standard ACI and ICRI recommendations. Remove all dirt, gas, oil, grease, carpet, adhesives, asphalt, paint, curing compounds, and all loose surface materials. All cracks must be repaired and filled. Cracks that exhibit movement must be either left open through the topping or repaired in such a way as to stop the movement. Any and all control, expansion, or other joints must not be filled with the Sure Finish™.

For removing dirt, grease, carpet adhesives and certain paints and curing compounds use Dayton Superior's Citrus Cleaner J48. Plywood substrates should not be directly on grade or be ventilated. Plywood should be APA Exterior, Group 1, CC type. Adhesives, if present, must be non-water based type. Prepare existing adhesive by wet razor scraping to a thin well-bonded residue as recommended by the Resilient Floor Covering Institute.

Mixing: Sure Finish™ is mixed with clean potable water only. Mix approximately 2.5 quarts (2.36 L) of water per 10 lbs. (4.54 kg) of Sure Finish™ powder. Product can be remixed one time. Do NOT add any additional water when remixing. Mix only as much material as can be used in 25 minutes. Mix full 10 lb. (4.54 kg) units with a mechanical mixer only while smaller quantities can be mixed by hand. Always place water in the mixing container first, then add the Sure Finish™ powder while continually mixing. Mix thoroughly until all powder has been completely dispersed to a lump free, creamy consistency. Do not over mix. Over mixing will induce air and reduce working time. Do not use more than the recommended amount of water. Temperatures of the water and material will affect the work and set times. Higher temperatures will shorten the work time while lower temperatures will extend them.

Placement: Sure Finish™ is applied by using a straight edge steel trowel, forcing the material into the substrate to fill and cover surface voids and defects. Feather finish as necessary. No minimum thickness is required. For thicknesses greater than 1/2 in. (1.3 cm) apply material in multiple lifts allowing a minimum of 60 minutes per lift. Standard floor coverings such as sheet vinyl, VCT and carpet can be installed in approximately 30-60 minutes after placement. Special flooring such as epoxies and urethanes may require 16 hours cure of the Sure Finish™. Broom or rough finish all but final lift for better adhesion of next lift.

Sec 15
Floor Levelers

CLEAN UP

Use water prior to material hardening. After material has hardened abrasive methods are required

LIMITATIONS

FOR PROFESSIONAL USE ONLY

For horizontal applications, interior use only.

Exterior vertical applications must have a protective coating applied.

Do not apply at temperatures below 40° F (4° C).

Do not apply over gypsum-based substrates or water based adhesives.

Do not use as a wear layer.

PRECAUTIONS

READ MSDS PRIOR TO USING PRODUCT

- Product contains Crystalline Silica and Portland Cement, Avoid breathing dust – Silica may cause serious lung problems
- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (Goggles, Safety Glasses and/or Face Shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed
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Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.