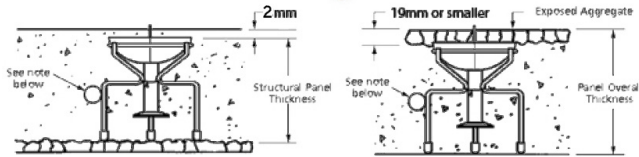


TECHNICAL DATA SHEET

DESCRIPTION

Dayton Superior T41A Ground Release System is a unique method of lifting concrete tilt-up wall panels into position and allows the hardware to be easily released from the ground. Ladders are normally not required during the hardware release process which greatly increases worker safety and productivity.



FEATURES

- Features flexible plastic antenna that folds over when screed passes, but springs back to indicate insert location.
- Plastic Recess Plug creates a void for attaching the Ground Release Lifting Hardware to the insert head. The expendable plastic recess plug is easily removed from hardened concrete.
- Directional Label indicates correct panel thickness and direction of plastic recess plug in relation to top and bottom of panel.
- This hot forged anchor permits rapid hardware attachment and allows smooth rotation of the hardware during the releasing operation.
- Wire Frame is standard used with T41A inserts. This provides a stable base that is easy to insert into rebar cage.
- A Plastic Support Base is available in situations where the insert is set on insulation or where there is concern of potential rust problems.
- Ground Release Inserts are shipped assembled, ready to use and are sized 2mm less than panel thickness.
- Do not use for edge lifting of panels, as insert is not designed for such use.
- Do not use with top seeded exposed aggregate 19mm or larger as aggregate will pop out during erection resulting in a reduced insert WLL.

BENEFITS

- Made with Hot Dip Galvanized finish per AS/NZS 4680:2006
- Complies with the requirements of AS3850-2015

TECHNICAL DATA

| Product Code | Structural Panel Thickness | Ground Release Anchor Length | WLL (tonnes) |
|--------------|----------------------------|------------------------------|--------------|
| 146113 | 125mm | 94mm | 2.75 |
| 146114 | 150mm | 119mm | 3.75 |
| 146115 | 175mm | 143.5mm | 5 |
| 146116 | 200mm | 143.5mm | 5 |

WLL provides a Safety factor of approximately 2.25 to 1 in 20 Mpa normal weight concrete.

INSTALLATION

1. For panels cast with exposed aggregate face down or those using a formliner, the panel's structural thickness determines the insert height. In these cases, the exposed aggregate or formliner thickness as well as the panel's structural thickness are required to determine the proper insert height.
2. For panels cast with exposed aggregate face up, the panel's overall thickness determines the insert height for that panels. See sketch.

RELATED PRODUCTS

- T43L-A Ground Release Lifting Hardware 09815

MANUFACTURER

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TECHNICAL DATA SHEET

WARRANTY (ACCESSORIES)

Limited Warranty. Dayton warrants, for a period of 60 days from the date of shipment (three years from the date of shipment in the case of formwork, excluding any consumable Products included with such formwork), that Products and any associated application drawings and engineering services provided by Dayton ("Ancillary Services") will be free from defects in material and workmanship and, in the case of custom designed formwork, that the formwork will meet the specifications set forth in the design drawings approved by Dayton and Customer. Any claim under this warranty must be made in writing within such warranty period. If any Product and/or Ancillary Service covered by a timely claim are found to be defective, Dayton will, within a reasonable time, make any necessary repairs or corrections or, at Dayton's option, replace the Product. Unless pre-authorized by Dayton in writing, Dayton will not accept any charges for correcting defects or accept the return of any Product. This warranty will not apply to any Products that have been subjected to misuse, neglect, storage damage, misapplication, accident or any other damage caused by any person other than Dayton, or that have not been maintained in accordance with Dayton's specifications. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES AS TO THE PRODUCTS AND ANCILLARY SERVICES. DAYTON MAKES NO OTHER WARRANTIES OR GUARANTEES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE. THE REMEDIES SET FORTH IN THIS SECTION ARE CUSTOMER'S EXCLUSIVE REMEDY FOR BREACH OF WARRANTY.