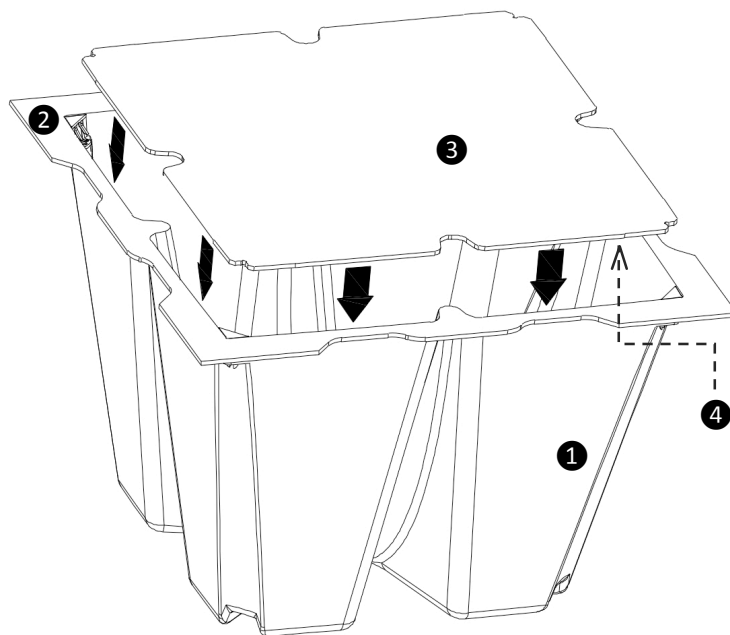


ARMADILLO™ Thermal Base

- ① Armadillo™ Pod 500
- ② Built-in clips
- ③ Armadillo™ Thermal Base
- ④ Reflective side

The ARMADILLO™ Thermal Base is designed in New Zealand and manufactured in China

The ARMADILLO™ Thermal Base has to be assembled with every ARMADILLO™ pod 500C. An incorrect installation of the Thermal Base might cause a collapse of the ARMADILLO™ pod 500C with the pressure of the wet concrete.



The ARMADILLO™ Foundation System includes the ARMADILLO™ Thermal Base, a PVC board laminated with a Metalized PET membrane. The ARMADILLO™ Thermal Base, taking advantage of the in-slab air cavities is able to effectively reflect heat, insulate the building and minimize power consumption. The Metalized PET membrane is the same material used in aerospace field and for survival thermal blankets (often known by one of its trade names: Mylar®).

Compliance of the product to the Building Regulations

The ARMADILLO™ Thermal Base is being compliant with the NZS 3604:2011 requirements and ensures sufficient durability to satisfy the functional requirements of the NZBC throughout the 50 year design life under the provisions of this Technical manual.

Installation

ARMADILLO™ Thermal Base has to be assembled together with the ARMADILLO™ pod 500 so that the reflective side faces the interior of the pod.

If needed the installer has to clean the reflective side of the ARMADILLO™ Thermal Base before installing.

The ARMADILLO™ Thermal Base has to be properly locked with the clips built-in at corners of the ARMADILLO™ pod 500.

The Thermal Base provides additional strength to the ARMADILLO™ 500C pod preventing the risk of collapsing with the wet concrete pressure.

Handling and Storage

Handling and storage on site is under the control of the installer.

The installer is responsible to check the integrity of the product on receipt, and for then is responsible for maintaining it and avoiding shocks and stresses to the product.

Clean and dry storage out of direct sunlight must be provided for the product.

Avoid storing items on top that may puncture or scratch the material.

For further details please refer to the product Safety Data Sheet.

Technical data

L x L x Thickness = 630 x 630 x 6 mm
 Weight ≈ 1,6 kg
 Material = Metalized PET on PVC foam board
 Thermal Emittance = 0,10
 Number of pieces per package = 30