



Patented lightweight roof tile bedding Mortar. Technical Data Sheet

Description

Mortarlite™ is a special light weight formula which is ideal for structural bedding preparation of valleys, ridges and hips prior to pointing application. Mortarlite™ is 50% lighter in the bucket and trowel than other sanded mortar mixers. Less weight on the roof and easier to use. Mortarlite™ provides the same wet ready to use mix from a 10kg as you get from other premixed 20kg bagged mixers.

Mortarlite™ conforms to the requirements specified in Australian Standards AS 2050-2002. "Installation of Roof Tiles".

Applications & Features

Features

Mortarlite™ is a light weight Roof Tile Bedding Mortar that is factory blended to conform to AS code requirements. Provides superior wet adhesion and water holding ability for the installation of Concrete and Clay Roof Tile capping. Mortarlite™ is easy to mix on the job site with water, drill and mixing blade.

ADVANTAGES OF Mortarlite™

1. Lighter in weight
2. Easier to handle and mix
3. Easier to transport
4. Eliminates heavy, messy sand and cement transport costs to site
5. No more wastage from wet cement bags
6. Less tiring to work with on the roof
7. Clean and convenient to measure as Mortarlite™ is supplied in waterproof bags
8. Unused portions are easily removed and used elsewhere
9. Mortarlite™ imposes less dead load on structural members
10. Mortarlite™ packaged in a plastic bag. Can be stored outside.

Installation

Surface Preparation

Mortarlite™ should be applied over properly installed roofing structure as governed by applicable code requirements. The roofing substrate should be fully intact and free of any debris and foreign matter that would interfere with the bond between the roofing and the mortar.

Mixing

Mortarlite™ is available in pre-blended 10kg bags.

1. Each 10kg bag is mixed gradually with 6.5L to 7.5L of water.
2. First add 4L of potable water to a clean 20L pail.
3. Whilst using a hand held mixer ensure mixer is turning in reverse, add half (5kg) of the Mortarlite™ bag and mix for 1 minute.
4. Add an additional 2.5kg of Mortarlite™ and continue to mix in reverse for another 2 minutes.
5. Repeat step 4 and continue to mix on reverse until a good consistency is achieved, working the blade from top to bottom.
6. Add the remaining 1L of water as required.
7. With the hand held mixer now on forward and on a 45° angle mix allowing the product to roll over itself until a smooth creamy wet look consistency is achieved. Allow to sit for an additional 3 minutes prior to use.

Coverage

One 10kg bag of Mortarlite™ when properly mixed with 6.5L to 7.5L of water will yield approximately 17L to 18L of ready-to-go Mortarlite™

The number of Mortarlite™ bags required per lineal meter will vary according to tile profile and amount of material used for each tile.

Application

After Mortarlite™ is properly mixed it should be applied with a minimum of a full 10" Masons Trowel for each tile. Different tiles will require different adhesion patterns. Tiles should be placed on the Mortarlite™ mortar within 5 minutes. Unlike other bagged or sand and cement mixers, Mortarlite™ can be re-tempered with water if it stiffens to bring it back to a suitable working mixture.

Storage

Mortarlite™ comes packed in plastic bags for greater protection from water and increase storage life. Keep protected from excessive exposure to rain and pooled water to keep Mortarlite™ in an optimal condition.

Warning

EYE, SKIN AND RESPIRATORY IRRITANT.
KEEP OUT OF REACH OF CHILDREN.

First Aid:

Eyes – Flush with water for 15 minutes, lifting eyelids occasionally. Obtain medical attention if irritation persists.

Skin – Wash skin thoroughly with mild soap and cool water. If skin irritation, reddening or a rash occurs, seek medical attention.

Inhalation – If respiratory irritation occurs, move to fresh air. Obtain medical attention if irritation persists.

Ingestion – Seek medical attention immediately; untrained first aid personnel should not attempt to administer aid.

WARNING: Do not breathe this dust!

Hazardous Ingredients: Portland cement and trace amounts of Silica Quartz.

This product contains Free Crystalline Silica which may cause cancer or delayed lung injury (Silicosis).

Avoid creation of dust from this product whenever possible. Wear NIOSH approved respirator if creation of dust is unavoidable, or when working in dusty areas.

See Safety Data Sheet for detailed information

LIMITED WARRANTY

THIS PRODUCT SHALL BE IN ITS UNOPENED PACKAGE OF THE KIND SPECIFIED WITHIN THERE IS NO OTHER WARRANTY OR REPRESENTATION OF ANY KIND, express or implied (including No WARRANTY OR MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE.)

NO WARRANTY SHALL BE IMPLIED BY LAW.

This **LIMITED WARRANTY** continues only until such time as the buyer opens the package and examines its contents.

If the buyer, after opening the package and examining its contents, determines that the product is not the kind of specified herein, the buyer should write to, explaining the defect and enclosing a sample of the product. **MORTARLITE™** upon receipt of the sample from the buyer and without cost to the buyer, will replace the portion of the product that is determined to be defective. This shall be the buyer's sole remedy for breach of warranty and such remedy shall be in lieu of any claim for damages, including incidental or consequential damages.

Important Note

The information given on this data sheet is based on many years' experience and is correct to the best of our knowledge. However since the use of our product, surface conditions, weather and a number of other factors are completely beyond our control, we can only be responsible for the quality of our product at the time of dispatch. For more information please contact our Company. As this information is of a general nature, we cannot assume any responsibility in individual cases.

For more information www.mortarlite.com.au
or contact Nutech Paint Pty Ltd