	BOSSIL TECHNOLOGY SDN. BHD.	Issued Date: 04/12/12
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Product Specification:

Curing System	Moisture Curing
Density	Approx. 1.57 g/mL
Skin over time	90 minutes
Tensile Strength	1.0 N/mm ²
Elongation at break	300%
Packaging	600 ml sausage, 24.0 kg pail, 8 kg pack
Features	Instant grip/ No support require High strength bonding Primerless bonding to most substrates. Low VOC & environmental Friendly.
Shelf Life	9 months



Product Description:

A one component, low viscosity adhesive based on advance MS Polymer technology. It cures on exposure to atmospheric moisture to form an elastic bonding for timber flooring and wall decorative materials. The waterproofing characteristic of the MS Polymer Adhesive provides an additional barrier to moisture, thus protecting the wooden floors and wall from long term warping. It is flexible to allow the wood floor to expand and contract without cracking. Hence it is longer lasting than most other organic polymer adhesive.

Applications:

Ideal for bonding parquetry strip floor panels to concrete or timber floors (both new or existing), or as an underlay prior to timber flooring. It is also use for direct bonding onto other types of substrates such as concrete screeds, cement / sand screeds, metal decking, ceramic tiles, anhydrite screeds and particle board. It is suitable for under-floor heating and cooling systems.

Limitation:

This adhesive is not recommended as a standalone coating. The timber flooring systems should be allowed to acclimatize to the environment it is placed in to prevent excessive expansion & shrinkage causing failure of the floor system. This adhesive must not be applied over any acrylic primer or sealer.


Direction:

(A) Surface Preparation

Surfaces must be clean, dry and free of dirt, grease, oil or water. The surface should be structurally sound before application. Any previous coating or adhesives must be completely removed.

(B) Priming

To prevent moisture migration and any swelling or cupping of the timber due to the present of excessive moisture, especially on the ground floor slabs, we recommend the floor slabs to be coated with Vital Primer FP.

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(C) Application

Sausage: Place the sausage in a suitable Caulking Gun and snip off the end. Cut the tip off the nozzle to suite the application and apply to the adhesive.

Pail: Remove the cover and cut open the foil liner. Once open, the entire contents should be used within a short period of time. The ideal application temperature is between 5°C to 35°C. The adhesive should be applied over a large surface area with a notched spreader. The coverage will vary from 800ml to 1000ml per m². Avoid air entrapment when making the bond or filling joints.

Apply firm pressure when bringing components together and keep the joint under pressure for at least 3 hours until the adhesive has partially cured.

Notes:

This adhesive is resistant to water, dilute acids, and diluted caustic solutions. It is temporary resistant to fuel, animal fats and oils. It is not resistant to organic acids, concentrated caustic solutions. Alcohol containing solvents should not be used as tooling aid, as these will inhibit the cure of the adhesive. This adhesive is paintable after tack free. However it is recommended to conduct Compatibility Test as certain paint may impair the elasticity of the adhesive and this may lead to cracking. It is advice to undertake preliminary adhesion test to confirm the adhesion and the structural integrity of such coating before proceed with the field installation.

Caution:

- Uncured adhesive / sealant causes skin and eye irritation upon contact.
- Avoid contact with eyes, skin and mouth.
- Use in well ventilated area. In case of contact with eyes, flush with water immediately for 15 minutes. If irritation persists, seek medical attention.
- Keep out of reach of children.

Storage:

- Store in a dry and cool place with temperature below +25°C.
- Use within 9 months from date of production.

Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company cannot accept any responsibility for the loss or damage that may result from the use of the information, due to the possibility of various of processing or working conditions and of workmanship outside our control. Users are advised to confirm suitability of this product by their own tests.

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