

Acrylic Dispersion Adhesive for Vinly Tile or Sheet, PVC Tile or Covering, Carpet Sheet or Tile & Timber/Wood Flooring

Description Gem Bond, is a partially premixed ready to use, paste form, acrylic dispersion based adhesive, can be used for all grade of Vinly, PVC, Carpet sheet tiles with freshly on concrete flooring & Timber/Wood system, and excellent properties of good adhesion.

Due to its special formulation, **Gem Bond** product is based on selected high grade of Dispersion Polymer, & Rheological Additives. For better workability on all types new and existing floorings.

Features Advantages

- Solvent Free
- Good Adhesion
- Wide Ranges of Application
- Suitable for Heated Sub-Floors
- Resistance to Furniture Castors
- Easy Applied

Colors Available Paste Form, Clear/Cream White

Preparation The surface of the sub-floor must be clean, sound and free from dust, plaster droppings, grease, paint, polish, and any water-soften able or loosely adhered materials. On absorbent surfaces it may be necessary to damp down, or prime the surface using the **Cem Bond Primer** and allow drying before applying the **Gem Bond** adhesive.

To level uneven sub-floors and provide a smooth surface prior to the application of Floor Coverings or Tiles or Sheets. **Cem Bond SL 30 or Cem Bond 1K (Cementitious Self-Leveling)** can be applied on all common sub-floors as concrete and cement/sand screeds, asphalt, wood, quarry tiles, internal steel decks, etc.

Application The mixed material is poured onto the prepared floor surface and spread with a special steel trowels (Serration A3 Trowel) to the required thickness in one operation. Apply at temperatures above 5°C. **Gem Bond**

Technical Data

| Typical of Properties | Tested | Test Temp | Gem Bond | Gem Bond 888 |
|-----------------------|------------------|-----------|------------------------|------------------------|
| Viscosity | mPas | 25°C | 24000-30000 | 18000-26000 |
| pH-Value | | | 6.5-7.5 | 6.5-7.5 |
| Specific Density | Kg/Litre | | 1.25 | 1.25 |
| Consumption | g/m ² | | 200-350 | 200-350 |
| Waiting Time | Minutes | | 20-40 | 20-40 |
| Open Time | Minutes | | 30-60 | 30-60 |
| Set to Load Bearing | Hours | | 24 | 24 |
| Full Strength | Hours | | 72 | 72 |
| Moisture Resistance | | | Yes at 2.0% C.M tester | Yes at 2.0% C.M tester |

Recommended Trowels

Serration A3 or A2 for PVC with Smooth Backing **Trowel A3** **Trowel A2**

| | | | |
|-------|----------------------------|----------|--------|
| Note: | Depth of Serration Trowel | : 1.65mm | 1.65mm |
| | Width of Serration Trowel | : 1.50mm | 1.80mm |
| | Bridge of Serration Trowel | : 0.50mm | 1.20mm |

| | | | |
|----------|--------------|----------------------------|----------------------------|
| Coverage | Gem Bond | 4.2-5.0 m ² /kg | 3.9-4.7 m ² /kg |
| | Gem Bond 888 | 4.2-5.0 m ² /kg | 3.9-4.7 m ² /kg |

Cleaning of Equipment All tools and mixing containers should be washed and cleaned in water immediately after use before the material sets.

Packaging Net weight 20 kg pail & 25 kg pail

Storage Shelf Life **Gem Bond & Gem Bond 888**, 12 months if stored in dry conditions.

Handling Precautions

Wash off any mortar or latex on the skin before it dries. During mixing and application ensure adequate ventilation since the latex component contains ammonia which is volatile and may cause eye watering in confined spaces. Avoid generation of airborne dust during mixing. Cem Bond powder contains more than 20% Portland cement and, therefore, in line with current legislation, is classified as irritating to eyes and skin. For this reason the following precautions should be observed:-

Avoid contact with the skin and eyes; in case of contact with the eyes, rinse immediately with plenty of water and seek medical advice; wear suitable gloves and keep the product out of the reach of children.

The General Term & Conditions

All recommendations for use of our product, whether given by us in writing, verbally, or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Notwithstanding any such recommendations the Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for this intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility therefore. The Buyer shall ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with and subject to our general conditions of supply.

The above mentioned details Specified key data are individually checked throughout, guarantee, and included in the certificates of Analysis (CoAs). & Typical key data are spot checked, the value are typical for the product and are indicated for information only. The values are not guaranteed or included in the CoAs.

**LaMaCo System Sdn Bhd**

407, Jalan Perusahaan 6, Taman Bandar Baru Mergong,
05150 Alor Setar, Kedah. Malaysia

Tel : +60-4-771 1111

Fax : +60-4-772 4444

Http : www.lamaco.com

Email : info@lamaco.com