AsiaMortar
Deliver Solutions

am SKIM BOND

DESCRIPTION

am SKIM BOND is a non-shrink surface conditioner consisting of Portland cement and a specific cationic latex. It is used as a surface conditioner or skim coat to smoothen surfaces, especially to cover up old mosaic or unglazed ceramic tiles, as such would immediately be able to make good use of uneven surfaces.

USES

am SKIM BOND is formulated to waterproof , fill and seal pores/ voids & pointing of all tiles, and masonry surface. It is also designed to cover up old mosaic or unglazed ceramic tiles pointing to before any further finishing.

BENEFITS

- Direct application.
- Non-toxic - approved for potable water tank
- Excellent adhesion on porous or non-porous surfaces.
- Flexible - crack bridging.
- Resistant to carbon dioxide and chloride ion diffusion.
- Resistant to weather and mild chemicals

COLOR

Grey

FINISH

Matt

TECHNICAL DATA	
No. of components	2
No. of Coats Recommended	1 or 2
Recommended Dry Film Thickness	0.5mm – 1.5mm
Estimated Coverage	2kg/ m² @1mm thick
Mixing Ratio	3.125 : 1 by weight of Part A+B
Mixed Density	1.8kg/ltr
Compressive Strength	39 N/mm²
Flexural Strength	11.0 N/mm²
Adhesion to Concrete	3.5 N/mm²
Toxicity	Non-toxic
Pot Life	80 min 20ºC 30 min @ 35ºC
Storage & Shelf Life at 25ºC	Unopened packs Above 12 months
Packaging	33 kg/set

SPECIFICATION

Substrate to be coated must be sound, clean and free from any contamination. For floor, mechanical diamond grinding should be employed followed by through vacuuming. For wall, use high pressure water jet to clean prior to applying the product. Apply the product in strict accordance with manufacturer's written instruction.

APPLICATION PROCEDURE
SURFACE PREPARATION

All surfaces to receive **am** SKIM BOND must be free from oil, grease, wax, dirt, curing compound or any foreign matter which may impair bonding. Spalled or badly disintegrated surfaces must be removed and repaired prior to applying **am** SKIM BOND

MIXING

Gradually blend in the powder component with the liquid component and mix well for 2-4 minutes. Avoid lump formation and do not mix more material than can be used within pot life.

THINNING

For better workability during high room temperature, the product can be thinned with not more than 5% of clean portable water.

APPLICATION

am SKIM BOND can be trowelled vertically or horizontally by using steel plate and trowel to required thickness.

PRIMER

On vertical tile or mosaic wall surfaces, a special primer **am** LATEX maybe required to improve the adhesion properties of **am** SKIM BOND.

TOP COAT

am SKIM BOND can be top coated with most pait finishes.

PROTECTION

am SKIM BOND should not be applied during rain or when rain is expected

TYPICAL MECHANICAL PROPERTIES			
Properties	Standard	Unit	am SKIM BOND
Tensile Strength	ASTM D-638	Mpa	0.71
Compressive Strength	ASTM C-190	N/mm²	39.0
Flexural Strength	ASTM-348	N/mm²	11.0
Bond Strength	ASTM-321	N/mm²	3.5
Shear Bond Strength	ASTM C-109	N/mm²	5.5
Abrasion Resistance	ASTM C-241	% weight loss	1.1
Water Vapour Transmission	ASTM D-1615	G/24h. m²	224.532
Water Absorption	ASTM C-140	% absorption	2.0%
Adhesion Strength	ASTM D-4541	N/mm²	3.37
Chemical Resistance	ASTM D-1308-02EL		Good

STORAGE

Storage in shade and dry condition. Avoid from sunlight, UV, frost, water, moisture and high temperature.

PACKAGING

33 kg/set.
Part A: 25 kg, Part B: 08 kg.

SHELF LIFE

If stored in cool and dry place, the shelf life of **am** SKIM BOND is approximately 12 months from date of manufacture in unopened bags.

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Asia Mortar Co., LTD (AM Co., LTD)
Tel: (84-028) 38 20 8686 Fax: (84-028) 38 20 8866
Email: amv@asiamortar.com.vn Website: www.asiamortar.com.vn