



LayFlex

Flexible Water Based Adhesive

PRODUCT DESCRIPTION: LAYFLEX is a water based flexible, fast setting coating and Bonding Adhesive in emulsion state used to bond carpet backing, laminates and flexible packaging rolls and films.

USES: Bonding Insulation, Fixing, Laminating , Coating, Sizing and covering a very wide range of substrates such as Fiberglass wool, rock Wool, Wood, Soft Board , Carpet backing, Hard Board, Chip Board, Card Board, Ply Wood, Formica, Cloth, Sizing, Canvas, Styrofoam, Paper/Card Packaging, Glass Bottle Labelling and others

ADVANTAGES: The thin film/layer when dried: resulting in neat and clean bond to maintain the sanitary appearance on the applied surfaces. The dried film is Oil and Solvent Proof, Non-Cracking and Mildew/Micro-organisms resistant and Water Proof. Unaffected with Weather/Climatic changes, resisting intermittent temperature between 8°C to 80°C. Bond strength increases and maintained with passage of time.

-Hazardous in handling, Non-Flammable, Non- Toxic, Non Corrosive and Non-Staining. No smell in dried/cured film

COMPOSITIONS AND MATERIALS: Viscous syrupy copolymer emulsion, sticky to touch.

PACKAGING: Packaged in 20 Kg drum.

COLORS: White opaque in liquid state. Clear when dry.

APPLICABLE STANDARDS: Non-flammable, non-toxic, non-corrosive & non-rusting. Safe in handling. A Human Friendly Product. (ASTM-D 3243)

TECHNICAL DATA: LayTile WR does not require the use of primer or surface conditioner; performs equally well on porous and non-porous surfaces, for use with vitreous or non-vitreous tiles. LayTile WR is non-staining and water washable.

Performance Characteristics

The dried film/ bond is oil & solvent proof, weather resistant, diluted acids/alkalies resistant, mildew & micro organisms resistant.

Elasticity: 300 to 1000% range depending on grade.

DENSITY

Average weight: 1.05 Kg. Per liter

DRYING

All the grades are air drying. The thin uniform layer dries normally in 15 minutes (touch dry), bonding of surfaces & insulations achieved within 12 hours and becomes further stronger with time unaffected by climatic changes (FSTM-66).

SERVICE TEMPERATURE

Usable between 8°C to 80°C : the temperature of surface being coated. (FSTM-70).



Coverage Chart

Depends on the porosity of the surface to be coated or bonded and grades used.	
INSULATION ATTACHMENT :	4-5 Sq. Mt. Per Kg. , approximately.
LAP SEALING :	2.50 Sq. Mt. Per Kg. Approximately.
CANVAS CLOTH WRAPPING/ COATING :	approx. 3-4 Sq. Mt. Per Kg.
GENERAL BONDING :	5 to 6 Sq.Mt. Per Kg.

INSTALLATION:

Surface Preparation: All surfaces must be clean and free of dust, grease, sealants and foreign matter.

Application: By brush, mechanically or through trowel, for bonding, apply on both the surfaces to be united. For pasting lamination, apply on one surface.

If most necessary, dilute with little hot or warm water by mixing uniformly and thoroughly. Apply uniformly about 170 grams/m² by Glue Spreading Machine. Spatula or Brush and press for 3-4 hours at 2-4 kg per cm². For getting excellent results, it is advisable to press undisturbed for at least 8-10 hours. Mix well before use.

Cleaning: Wash with water.

Storage Life: One year if stored in cool, dry location. Close partially used containers tightly.

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