



An ISO 9001 & 14001 Certified Company

## Technical Data Sheet

### INDOFIL FLEXCOAT "NEW"

HEAVY DUTY FIBRE REINFORCED ACRYLIC WATERPROOF COATING FOR TERRACE

#### GENERAL DESCRIPTION

Indofil Flexcoat "New" is heavy duty reinforced terrace waterproof coating system developed from modified acrylic polymers and special chemicals. Flex Coat New is formulated to have exceptional adhesion to variety of substrates. It has excellent weather resistance. Flex Coat New acts as a "breathing" membrane allowing trapped moisture vapour to pass through the film while remaining impervious to exterior mass water penetration. The resultant tough, cured film provides good resistance to mechanical damage and chemical attack.

#### RECOMMENDED USE

Building terraces and sloping roof. The thixotropic nature of Flex Coat New permits uniform high build coverage, even on rough, textured or vertical surfaces, without pin-holing or sagging. It also has excellent adhesion to a variety of other substrates, such as asphalt, primed wood, primed metal, concrete and masonry. Ponding water conditions should be avoided, if possible, as with any type of roofing material.

#### PRODUCT SPECIFICATION

Color	White
Solids by volume	50%
Adhesion Strength (N/mm <sup>2</sup> )	087
Elongation at break %	220
Tensile Strength (N/mm <sup>2</sup> )	2.63
Algae & Fungus resistance	No Algae & Fungus growth
Spreading rate	2m <sup>2</sup> / lt. / coat @ 250 μ
Shelf Life	12Months from the date of manufacturing in sealed container

#### DRYING TIME

Surface Dry	3—4 Hours @30°C and 65% Relative Humidity
Hard Dry	6 – 8 Hours @30°C and 65% Relative Humidity

#### RECOATING INTERVAL

Minimum	Approx 6 – 8 Hours @30°C and 65% Relative Humidity
Maximum	None

RECOMMENDED THINNER	Potable Water
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#### SURFACE PREPARATION

- ✚ Prepare the surface thoroughly by cleaning, washing and removing dust, dirt, oil, grease and loose particles
- ✚ In existing old terraces with brickbat coba or screeds, the substrate must be checked for its soundness. Damaged or hollow portions, sharp edges, etc. must be cut and removed till the mother slab
- ✚ Fill Flexcoat "Seal" or polymer-modified mortar in case cracks are wider than 5 mm
- ✚ Cracks less than 2 mm, should be cleaned free of dust with a vacuum cleaner

#### APPLICATION METHOD

- ✚ Apply Primer Coat by diluting it 50% with potable water and allow it to dry for 6-8 hours
- ✚ Apply first coat of Indofil Flexcoat "New" with 5% dilution and allow it to dry before applying 2<sup>nd</sup> coat
- ✚ Allow it to cure for 6 – 8 hours
- ✚ Apply 2<sup>nd</sup> Coat with same procedure
- ✚ Ensure total DFT of 1mm when coating is fully dried
- ✚ Allow the system to cure for 7 days minimum
- ✚ Parapet walls and Chajjas should be given extra coats
- ✚ Do not apply Indofil Flexcoat "New" over expansion and moving joints

#### Remarks

- Stir well before application
- Apply by brush, roller or spray
- Never mix INDOFIL FLEXCOAT "New" with any other product when not specifically recommended by the manufacturer
- Material should be stored @30°C in dry place
- Close the container after application

#### SAFETY PRECAUTIONS

- Keep the material away from heat, spark and direct sunlight
- In case of contamination, rinse with fresh running water and seek medical attention
- Provide sufficient ventilation when working with solvent based coatings in confined spaces and stagnant air
- Follow local and National Safety Rules

#### NOTE

- Thinner consumption and loss factor in practical coverage of product depends upon the site condition
- Avoid inhalation of solvent vapor or paint mist by using facial mask
- Apart from this use Gloves and Goggles to protect against direct contact of liquid paint with Eyes & Skin

#### Packing

25 Kg.