

SUNIVERSAL TFA

UNIVERSAL TILE ADHESIVE FOR HEAVY TILES

SUNIVERSAL TFA is a ready to use, polymer based tile fixing adhesive. It is specially formulated for greater adhesion in fixing ceramic, mosaic, quarry, vitrified, non-verified, terrazzo, heavy marbles, granites, natural stones and cement tiles to masonry, cementitious substrates and walls. It can be used for interiors and exteriors.

Normally the material used for fixing tiles is neat cement paste or mortar. This paste loses its workable consistency within a short time. If extra water is added, it decreases bond strength. Besides, the shrinkage that develops on drying is a potential hazard, particularly on a vertical surface. This causes the tiles to fall off. Also cement based tile adhesives develop iron stains on marble. To overcome these inadequacies, SUNIVERSAL TFA has been developed and specially designed for such jobs.

USES

- To fix all types of heavy tiles to masonry, cementitious substrates like floors and dry walls.
- To fix new tiles on existing tiled surface.
- To fix tiles for interiors as well as exteriors.
- Bonding of tiles for overhead surfaces.
- To fix tiles in bathroom, toilet, swimming pools walls.*

ADVANTAGES

- Ready to use, if required add 5-20 % cement.
- Can be applied directly on substrate or tile in a single layer in 2 - 6 mm thickness.
- Because of thixotropy, it has excellent slip resistance.
- Does not saponify, hence, makes the bond durable for years.
- Cure fast, mechanical supports are not needed and tiles may be fixed in a short time.
- Resists physical and thermal shock.
- Good bonding of new tiles to existing tiles.
- Spot bonding application is possible.
- *Can be used in continuous wet areas like swimming pool, by adding 50 % cement and required quantity of water.

PROPERTIES

Appearance	: Off- white paste
Sp. Gravity @ R.T.	: 1.55 ± 0.2
Working time with cement	: 1:00 hour ±15 minutes
Adjustability time	: 5-10 minutes

INSTRUCTIONS FOR USE

Surface Preparation

- Preparation of the surface is very important.
- Repair and make good any faulty concrete in the form of cracks, honey combing etc.
- Fill the cracks with a mortar consisting of POLYALK EP (Refer product data sheet).
- Cure the repaired cracks as per the usual norms.
- Remove all curing compounds and sealers.
- Scrub and clean the surface.
- Remove laitance, dirt, paints loose flakes or particles or other foreign matter etc by means of vacuum cleaner, or high pressure water jet or wet sandblasting or wire brushing.
- Ensure that the concrete possesses an open surface texture
- Thoroughly dampen the substrate prior to application.
- Sweep off any standing water.

Mixing

- SUNIVERSAL TFA is a ready to use tile adhesive.
- If necessary, add 5-20 % cement and mix thoroughly using a slow speed drill or with a paddle to get uniform lump free, paste consistency.

Application

- Apply SUNIVERSAL TFA or mixed material using flat trowel at a thickness of 2- 6 mm.
- Comb with a notched trowel.
- Prime the back of the tile and fix immediately by slight twisting action and hammer gently with a soft mallet to assure a better bond

Finishing

- Remove excess SUNIVERSAL TFA with a damp cloth before material sets.
- Grout the joints after 24 hours.



SUNANDA

SPECIALITY COATINGS PVT.LTD
AN ISO 9001:2008 COMPANY

PRECAUTIONS

- Do not use SUNIVERSAL TFA directly for fixing any type of tiles in swimming pool, water tank, bathroom, toilet etc.
- Mix 50 % cement into SUNIVERSAL TFA with minimum quantity of water.

CONFORMANCE

- Conforms to B.S.5980 -1980.

COVERAGE

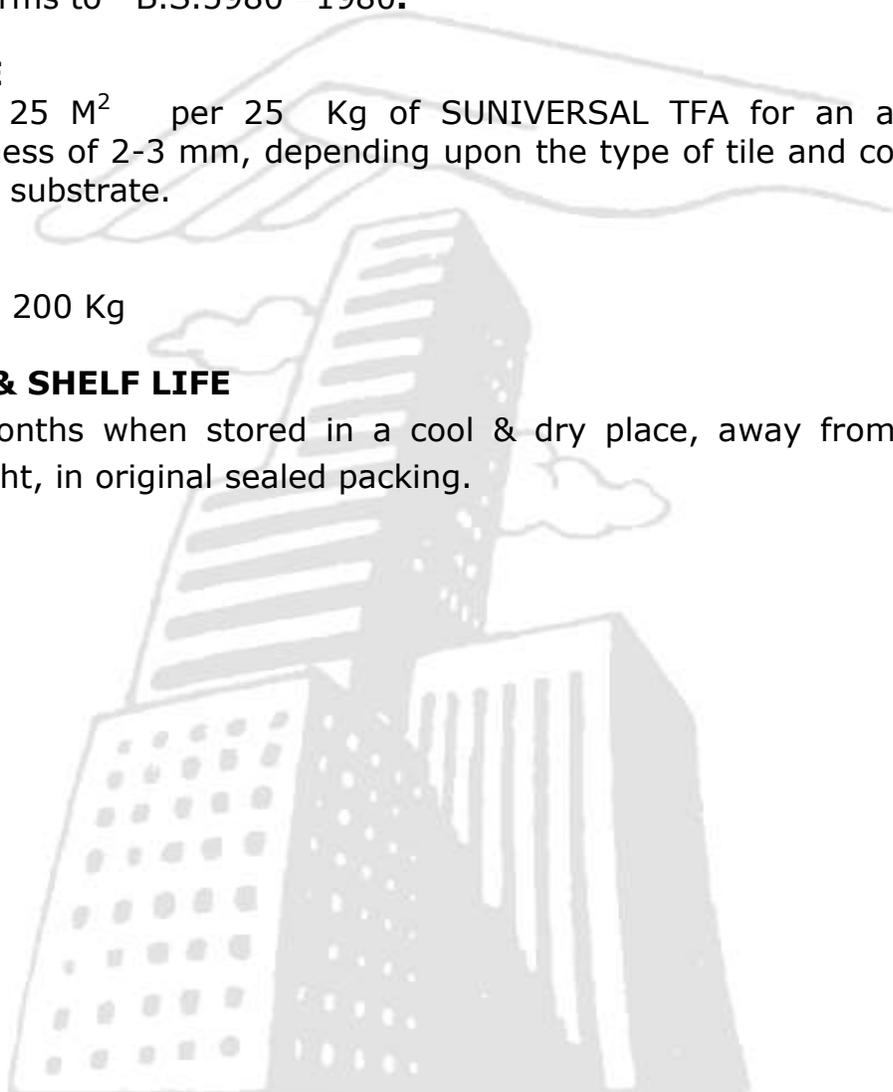
- 15 - 25 M² per 25 Kg of SUNIVERSAL TFA for an average thickness of 2-3 mm, depending upon the type of tile and condition of the substrate.

PACKING

- 5, 25, 200 Kg

STORAGE & SHELF LIFE

- 12 months when stored in a cool & dry place, away from direct sunlight, in original sealed packing.



DISCLAIMER

This information is accurate and reliable to the best of the knowledge. It is meant as a guideline only. Sunanda Speciality Coatings Pvt. Ltd. (SSCPL) cannot give any guarantees under any circumstances for the results, or assume any obligation or liability in connection with the use of this information. It is recommended that the product be tested to determine its suitability for specific applications. Since, SSCPL has no control over how others may use its products; it is recommended that the Specifier, Architect, Engineer, Contractor and Owner assume all the responsibilities in connection therewith.