

PRODUCT DESCRIPTION

TAL PROFIX PLUS is a water-based modified high performance aggressive acrylic adhesive specially designed for the installation of vinyl and textile (carpet) floor coverings including floor coverings with exceptionally coarse backings eg. needle punch carpeting, coir carpeting, etc. TAL PROFIX PLUS is formulated with specialised high strength polymers giving high tensile and shear strength as well as dimensional and ageing stability that exceeds the requirements for adhering any type of coarse uneven backed carpeting. It is ideal for the installation of floor coverings that have very high levels of memory.

AREAS OF APPLICATION

TAL PROFIX PLUS is suitable for laying of needlepunch carpeting and tiles as well as stick-down carpeting and tiles. TAL PROFIX PLUS is NOT suitable for adhering carpeting that has been coated with a rubber or bitumen based wear-under layment. It is suitable for application onto concrete, tiles, wood, vinyl, and metal access flooring.

BACKGROUND PREPARATION

New floor and wall surfaces must be allowed to cure for the minimum periods detailed below to ensure that the installation is not compromised by drying shrinkage movement in the substrate :

- New concrete – 6 weeks
- New screed – 4 weeks
- New render – 2 weeks

The substrate must be structurally sound, clean and dry and free from all traces of surface laitance and contamination such as dust, dirt, waxes, oils, bitumen, old adhesives, paint, grease, weak cement screeds, shutter release and curing agents, sealing compounds, etc. Bituminous compounds must be removed completely.

All damaged, defective, deteriorated, friable (powdery) and hollow sounding areas must be removed and made good before proceeding. Where required, TAL SUPERSCREED, TAL SUPERSCREED SL or TAL SCREEDMASTER Underlayment Compounds can be installed to achieve a smooth, level finish suitable for the installation of the chosen floor covering. Very porous surfaces must be primed with TAL FLOOR PRIMER, which must be left to dry completely before applying TAL PROFIX PLUS.

Note :

All surface beds should have a damp proof membrane, and all substrates must attain moisture levels of 5% (75% RH) or less before the application of TAL PROFIX PLUS.

The installation of vinyl or carpet floor coverings must not commence before the moisture content of the substrate (concrete, screed, topping or underlayment compound) has been tested and proven suitable for the application of the particular floor covering. **Ideally, A M.V.E.R. (Moisture Vapour Emission Rate) Test should be carried out in accordance to ASTM F 1869-98.** Should there be no damp proof membrane below a surface bed, or should prevailing

moisture levels not attain 5% (75% RH), then TAL VAPORSTOP HB must be installed.

TAL VAPORSTOP HB is a moisture tolerant, 100% solids epoxy barrier coat that prevents the passage of water vapour and moisture through concrete slabs, screeds and toppings.

APPLICATION

Stir well before use. Do not dilute or adulterate in any way. TAL PROFIX PLUS should be applied using a serrated trowel to ensure optimum transfer of adhesive, as follows :

Vinyl tiles and sheeting and backed carpeting

serrated trowel with triangular notches of 1.5mm x 1.5mm with 4mm centres

Coarse, unbacked carpeting (eg needlepunch carpeting)

serrated trowel with triangular notches of 3.0mm x 3.0mm with 4mm centres. Allow the adhesive to flash off and become slightly tacky before applying the floor covering. Press the floor covering into place and roll all flooring (except cushion flooring) with a 64kg three sectional flooring roller.

TECHNICAL DATA

Type	Modified acrylic emulsion
Colour	Rose
Flash Off Time	± 15 Minutes
Open Time	± 60 – 90 minutes
Solids Content	63 ± 2%
Viscosity (Brookfield)	25 000 – 35 000 cPs (RVT 6/20/25°C)
Specific Gravity	1.10 ± 0.02
pH	7 – 9
T ° Application Range	10°C - 30°C
Coverage	1.5mm Serrated Trowel : ± 3.8m ² /l 3mm Serrated Trowel : ± 3.0m ² /l
Clean	Water when wet Solvent when dry

PACKAGING

TAL PROFIX PLUS is available in 20l plastic containers, suitable for rail and road delivery, and 5l buckets.

CLEANING

Spillages should be cleaned before they dry. Solvents are required to remove dried product. Clean tools before the adhesive dries.

STORAGE & SHELF LIFE

Ensure containers are stored out of direct sunlight, in a well-ventilated area. When stored in dry, internal conditions between 10°C and 25°C the product has a shelf life of 6 months from date of manufacture.

NB : Ensure lid is tightly sealed when not in use.



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WARNING

This product contains solvents (less than 5%) – do not inhale. Work in well-ventilated area. Do not ingest. Misuse or inhalation of vapours may cause eye-watering, weakness, fatigue, nausea, headaches or dizziness. Wear safety mask, protective gloves and goggles. Use only as directed. Dispose of this product in accordance with local regulations. Contact TAL for further Health & Safety information.

Important information common to all technical data sheets in this product guide pertaining to health and safety, authorised technical specialists and warranties is published on page 1.

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