



Manufacturers of Acrylics, PVA, Urethanes, and Elastomers adhesives

TECHNICAL DATA SHEET

TEC 7070

DESCRIPTION & USES:

TEC 7070 is a water-based Acrylic Adhesive that contains no solvents therefore it's considered a (Green Product) which is easy to work with.

TEC 7070 was developed for the installation of Luxury Vinyl Tiles referred to as LVT's, or Vinyl Plank Floor Tiles. LVT's is potentially problematic because it is prone to expansion and contraction due to temperature variances at the time of installation. This adhesive is fast setting, Curing starts happening within 4 hours.

TEC 7070 has an exceptional high bonding strength that minimizes the possibility of planks peaking in the first 24 hours after installation.

SURFACE PREPARATION:

- Concrete screed must be sound, level, smooth, and free of dust, loose particles, grease, oils or any contaminants. If floor is dusty a primer should be applied to bind the dust before applying adhesive.
- The screed must be dry and above 12°C, with screed moisture not exceeding 3%.
- Rough surfaces must be smoothed using a good quality screed levelling or self-levelling compound.
- If the screed moisture exceeds the moisture level of 3% the screed should be left to dry until it reaches acceptable levels, or alternatively a approved moisture barrier should be applied to the floor, once cured, apply a leveling compound with additional approved binding agents(in accordance with the manufacturer's instructions, before adhesive can be applied to the surface.
- LVT's should be installed onto smooth surfaces to avoid irregularities showing through later. If necessary a screed smoothing or self-leveling compound should be applied in accordance with the manufacturer's instructions.

APPLICATION:

- Stir well before use.
- Trowels that must be used, should be 1mm deep (A1) or a 1.5mm (A2) deep serrated v-shaped Trowel.
- Apply adhesive evenly with a serrated trowel with 1 mm deep, V- shaped notches. Avoid pooling. Ensure that the notched sizes are maintained.
- TEC 7070 has a short open and working time, which is dependent on local and climatic conditions at the time of installation.
- TEC 7070 is a "wet-stick" adhesive and it is recommended that preparation and application methods are followed in order to get optimal performance. Proceed with placing the planks into the wet adhesive immediately or so of spreading it.
- TEC 7070 dries quickly therefore it is important to start rolling the installed LVT material immediately within 30 minutes after laying,
- Roll with a 68kg steel floor roller in Coastal areas and within 30 - 60 minutes in other areas such as Gauteng, to ensure proper adhesive transfer onto the back of the planks.
- Clean any access adhesive immediately with a clean wet cloth.
- DREID adhesive can be removed with a benzene cloth (quickly)

DO NOT ALLOW THE ADHESIVE TO DRY ON THE TOP OF THE LVT PLANKS.

CHEMICAL SPECIFICATIONS:

| | |
|-------------|--------------------------|
| TYPE | Water-based Acrylic |
| CONSISTENCY | Smooth Paste |
| COVERAGE | 4 – 5m ² /ltr |
| SHELF LIFE | 12 months |

THIS PRODUCT MEETS THE GREEN BUILDING COUNCIL OF SOUTH AFRICA'S CREDIT CRITERIA

Maximum VOC Content allowable (grams/litre) = 50 g/l

TEC 7070 volatile organic compound (VOC content) = 0 g/l

Note Important Points:

TEC 7070 is specifically designed for Luxury Floor Tiles only.

The flooring manufacturer's specifications and installation instructions must be followed.

Acclimatization of LVT's is generally 24 hours prior to installation.

The screed must be dry and above 12°C, with screed moisture not exceeding 3%.

Floors should be smooth, clean, dust free, etc. Test floor for moisture before installation.

It is very important that when starting to place the LVT's into the wet adhesive, start rolling it immediately with a 68kg steel roller, this will ensure proper adhesive transfer onto the back of the planks and will prevent any dimensional change.

Note:

Do not use for

- Exterior Surfaces
- Damp or Wet Floors
- Vertical Cladding
- Room temperatures below 12°C

HEALTH & SAFETY MEASURES:

Water-based Products (non-hazardous)

However

- Keep away from children
- Animals
- Do not consume

First Aid Measures:

Eye contact –

- Make sure to avoid contact with eyes. In case there is contact, immediately rinse the eyes with plenty of water (20 minutes) and seek immediate medical advice if irritation persists.

Skin contact –

- Wash area of contact with warm, clean water. Advisable to use a detergent or skin cleaner.

Ingestion -

- If consumed, can be harmful. Drink plenty of water, minimum 1 litre. Do not put fingers in the mouth, or induce vomiting. Seek medical attention immediately.

Transportation:

This product is NOT classified as Dangerous Goods by Dangerous Goods Code for Transport by Road or Rail. Securely transport and transport with great care to avoid damage of buckets which could result in spillage.

Accidental Spillages:

Clear up drains, water pipes, and water ways. Use thick towel to gather material, or alternatively soil that soaks up to collect in container for purposes of disposal.

Fire Fighting Measures:

Specific Hazards: Non-Flammable

Ecological Measures:

Keep environment clean, and do not dump in restricted areas.

Material Safety Data Sheet available on request

Telephone number

031-701 7832 / 701 8242

e-mail address

techemsp@telkomsa.net

DISCLAIMER:

All reasonable efforts were exercised to compile this technical data sheet, the technical data sheet provides information regarding the health, safety and environmental hazards, at the date of issue, to facilitate the safe receipt, use and handling of the product in the workplace. Since Techem Adhesives (Pty) Ltd cannot anticipate or control all conditions under which the product may be handled, used and received in the workplace, it remains the obligation of each user, receiver or handler to, prior to usage, , handled or used in the workplace. The user, handler or receiver must ensure that the necessary mitigating measures are in place as regards health and safety. This does not substitute the need or requirement for any relevant risk assessments to be conducted. It further remains the responsibility of the receiver, handler or user to communicate such information to all relevant parties that may be involved in the receipt, use or handling of the product. Although all reasonable efforts were exercised in the compilation of this technical data sheet, Techem Adhesives (Pty) Ltd does not expressly warrant the accuracy or assume any liability for the incompleteness of the information contained herein or any advice given. The product is sold and risk passes in accordance with the specific terms and conditions of sale.