

Urochem 700

VINYL SHEET AND CARPET ADHESIVE

DESCRIPTION

Urochem 700 is a one-part water-based specialised adhesive for vinyl sheeting and carpets. It is white in colour and is resistant to fungal attack.

PRODUCT APPLICATION

Urochem 700 is a high-strength water-based adhesive that has been designed for sticking vinyl sheeting, vinyl tiles or carpets to most cementitious or wooden substrates.

SURFACE PREPARATION

Temperature of the floor should be between 5°C and 30°C. The concrete should also be sound with strength of at least 25 MPa, with no signs of cracking or powdering. Moisture should be tested on the surface and 100 mm deep. The moisture content should be below 5%. If the moisture content is high, contact your sales representative.

MIXING

No mixing is required as this is a single component product.

PRIMING

No priming is required.

APPLICATION

Do dry placement of the tiles or carpet to create an idea of the actual layout. Make sure that an adequate amount of product is available for the project before starting. Work should not be done when there is direct sources of heat such as sunlight. Urochem 700 is not very sensitive to flash time, however be wary of open time. A notched trowel, 1.5 mm x 1.5 mm and 4 mm spacing is required.

CLEANING

Clean all tools and equipment immediately after use with soapy water. Once cured, clean with **Urochem 901**. Cleaning should take place elsewhere to prevent accidental spillage on the floor.

SAFETY

Contact with skin and eyes should be avoided by wearing protective clothing including safety goggles, gloves, and overalls. In case of eye contact flush well with clean water and obtain medical advice. Please consult the Health and Safety Data Sheet.



Urochem Trading (Pty) Ltd

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APPLICATION INSTRUCTIONS

It is of utmost importance that the contractor chooses the best product for the specific application. This product is of phenomenal quality for its intended use, however warranty cannot be given to applications outside the scope of the product. Other than that, contractors should comply with good constructor practices, and not only be safety conscience, but also give meticulous attention to workmanship.

Assessment of the site:

Site preparation is very important to distinguish if the conditions are satisfactory for product application. For the best results the following should be considered:

1. The substrate should be dry (< 5% moisture measured with a moisture meter), free of any contamination and correct pH.
2. The substrate should be level and smooth, fully cured, have adequate pull strength and have no dust or loose particulates. If the surface has any imperfections it will relate to the adhesive and have inadequate bonding to the flooring tiles.
3. The climate or environment should be at ambient with no extreme conditions such as heat sources including underfloor heating or direct sunlight.
4. It is highly recommended that the area is not trafficked extensively until the adhesive had time to fully cure ($\pm$ 48 hours).

Guide for installation:

- Make sure that the temperature of the floor is not below 15°C or higher than 30°C.
- Make sure the concrete is sound for installation. Concrete must be at 25 MPa and showing no signs of cracking or powdering.
- Test the moisture content of the concrete on the surface and 100 mm deep. Moisture content should be lower than 5%.
- If moisture content is high a moisture barrier will need to be applied. Contact the supplier for more information in this regard.

Pre-Installation:

- Make sure that all tools are on site and in good working condition.
- Have the adhesive and tiles on the site 24 to 48 hours prior installation.
- Must have:
- Moisture meter to check moisture content.
- Jig saw with utility knife or fine cut blade and guillotine.
- A notched trowel, with 1.5mm x 1.5 mm with 4 mm spacing is required.
- 3-Part roller (68kg) for large surface area with a handheld roller for hard-to-reach places with the bigger roller.
- String with nails.
- Markers such as a pencil or permanent markers.
- Cleaning cloths and bucket with water.



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APPLICATION INSTRUCTIONS – CONTINUED

Installation:

- Do a dry placement of the tiles to get an idea beforehand what the layout is going to look like and change it to fit needs.
- Make sure that you have the correct amount of glue before starting the installation. Typically apply them within half an hour then roll the panels.
- Do not work in direct sources of heat such as underfloor heating or direct sunlight as this will have an influence on the adhesive and vinyl panels.
- Give sufficient flash time. The adhesive should not be wet when applying the tiles and not too dry.
- When cleaning equipment, do it somewhere else to avoid accidental spillage on the floor.

Maintaining floor after installation:

Within 48 hours of installation:

- Floors should not be washed at this time and only swept or vacuum cleaned.
- No heavy objects should be placed on the floor.
- Walk off mats should be placed and doorways or entrances to prevent any stones or sand from embedding into the vinyl panels.
- It is recommended that felt pads be placed underneath furniture to prevent any sharp edge protruding into the vinyl floors.
- Make use of mats for office chairs or other furniture that can move.
- Always have spare vinyl tiles on hand in case of damaged tiles.

After 48 hours:

- Floors should be swept or vacuumed daily to ensure no accumulation of dust or debris.
- A lightly damp microfiber cloth can be used to sweep the floor. However, care must be taken not to drench the floor with water. The cleaner must also ensure that the cloth is not saturated with dust particles as this can scratch the floor.
- Harsh chemicals should be avoided at all costs as this can negatively influence the tiles and adhesive.
- It should be encouraged to move furniture and mats to prevent any forms or patterns from forming.

If unsure, please contact the product representative for further information. It is vital that the contractor samples the product before complete installation.



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TYPICAL PROPERTIES – AS PER UROCHEM QC

The below properties are based on in-house testing methodologies.

Mixing Ratio	N/A
Pot Life	30 Min @ 25°C
Open Time	30 to 60 min
Practical Cure	24 Hrs @ 25°C
Full Cure	2 Days
Colour	White emulsion (can be pigmented)
Density	1.1g/cm ³
Tensile strength	0.17 Mpa
Theoretical coverage	4m ² / Lt
Shelf Life	12 Months, depending on storage conditions
Application Temp.	15 to 30°C
Service Temp.	10 to 60°C
Pack Size	5 Lt & 20 Lt Kits
Cleaning	Soapy water, Urochem 901 when cured
Storage	Store in a cool dry well ventilated place away from heat & sunlight

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