

# Talrak® Flexeal PU

Single component PU resin based elastomeric waterproofing coating



The Construction Alchemists

## Description

Talrak® Flexeal PU is a single component polyurethane modified liquid waterproofing membrane, based on special polymers and polyurethanes.

## Features & Benefits

- Single part, can be applied directly from the container
- Resistance to dirt pick up
- Enhanced flexibility
- Water based, non-toxic, non-flammable
- Good bond with commonly available substrates in construction.

## Primary Application

- Can be used as a liquid waterproofing system which is ideal for use in wet rooms
- Suitable for waterproofing of terrace, podium and balconies

## Technical Properties

Appearance	White
Touch dry	After 90 minutes
Drying time	After 24 hours
Shore A Hardness	85
Tensile strength	> 3.0 MPa
Adhesion with concrete	> 1.0 MPa
Elongation at break	> 380%

## Application Instructions

### Surface Preparation

The surface shall be clean and free from bond breaking materials such as dirt etc. If applied on any preformed surfaces / boards, plasters etc. the joints, if any, shall be sealed and finished using an epoxy putty or any other suitable materials. On the concrete surface any curing compound or other films shall be thoroughly removed. New concrete shall be allowed to fully cure before application.

## Cracks

The dormant cracks shall be filled by the first application of Talrak® Flexeal PU. For cracks wider than 2mm thickness, a joint filler should be applied along the length of the crack prior to the application of Talrak® Flexeal PU. The uneven plaster or concrete surfaces shall be evened out using Rendercem range of repair mortars prior to the application of Talrak® Flexeal PU.

## Application

Apply Talrak® Flexeal PU directly from the bucket. Allow the first coat to dry for 2 - 4hrs at 25°C. Apply a second coat and allow it to dry for 12hours at 20°C (Two coats or third coat may be necessary to ensure that the whole surface is coated with no pin holes). Protection screed can be carried out 24hrs after application of final coat. Talrak® Flexeal PU must be protected by a screed overlay over a geotextile membrane of specified GSM.

## Cleaning

Clean all tools and equipments with clean water immediately After use.

## Estimating Packaging

Talrak® Flexeal PU is supplied in 5kg and 25kg

## Consumption

Approx. 1.5 to 1.8 kg of Talrak® Flexeal PU is required to cover 1m<sup>2</sup> area in two coats. The consumption may vary depending on the roughness index of the surface.

## Storage

Talrak® Flexeal PU has a shelf life of 12 months if kept in dry store in original, unopened containers. If stored at high temperature and/or high humidity conditions the shelf life may be reduced.

## Precautions

### Health & Safety Instructions

Talrak® Flexeal PU is non-toxic, non-flammable, any splashes should be washed well with water. Contact with eyes shall be avoided. In case of contingency seek medical advice.

## Important note :

Talrak products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Talrak endeavours to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it.



**Talrak Construction Chemicals Pvt. Ltd.**

An ISO 9001:2015 Certified Company

### Works:

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