

ATECH PLUS

Waterproofing Solutions

UFLOOR® WP/WP THIXO

General Description

UFLOOR® WP/WP THIXO is a 2-component, solvent-free, low viscosity, polyurethane membrane with excellent abrasion characteristics for long term wear protection. Superior adhesion properties of UFLOOR® WP/WP THIXO make it an ideal membrane on many substrates, including asphalt and wood.

TYPICAL PROPERTIES

Solid Content	100%
Viscosity - WP	3500 cps
Viscosity - WP THIXO	6500 cps
Pot Life (25°C)	30 minutes
Tack free Time (25°C)	3-4 Hours
Final Cure Time (25°C)-Foot Traffic	24 Hours
Shore Hardness (ASTM D2240)	75 Shore D
Elongation (ASTM D412)	750%
Tensile Strength (ASTM D412)	10 MPa

Consumption

0.61 Litres/m²/0.6mm thick. Wastage Excluded.

Packaging

Part A = 2.60 Litres.

Part B = 16.30 Litres.

Mix Ratio -> A : B = 16:100 By Weight.

Application Guidelines

Surface Preparation

Surfaces receiving an application of UFLOOR® WP/WP THIXO must be clean, sound dry and free of oils and other bound inhibiting contaminants. Mechanical methods such as shot blasting, sandblasting or hydroblasting are recommended to produce a clean and lightly textured surface. When hydroblasting, allow 24 hours for drying.

Priming - UFLOOR® GPX

Mix UFLOOR® GPX according to the data sheet. Apply the primer at the minimum rate of 0.13 mm (wet) using a high quality roller. While the primer is still wet, seed with oven dried quartz aggregate (20 to 40 mesh) at a rate of 0.25 kg /sqm. Allow primer to cure.

Mixing

Pre-mix the color component. Then empty contents of component A into component B. Mixing is accomplished by using a jiffy paddle and low speed drill (400-600 rpm) so as not to incorporate excessive air into the product. Mix for 2 minutes, scrape down the sides of the pail, and mix additionally for 1 minute.

Application- UFLOOR® WP/WP THIXO

Prior to applying the UFLOOR® WP/WP THIXO base coat/waterproofing membrane apply a detail coat of UFLOOR® WP/WP THIXO at 0.8 mm (wet) over all shrinkage cracks less 1.6 mm. Cracks wider than 1.6 mm should be treated as joints. Route out cracks to 6 mm and fill with a urethane joint sealant. After the detail coat has cured for 3 to 4 hours, apply the UFLOOR® WP/WP THIXO base coat at a rate of 0.6 mm (wet) using a notched trowel or squeegee.

Once basecoat has cured, it can be topped with a variety of other Atech Plus coatings and binders to form a waterproof parking deck and/or seamless flooring system. High chemical, abrasion and thermal shock resistant systems can be obtained using the UFLOOR® WP/WP THIXO as a base coat/membrane.

Field Support

Field support where provided, does not constitute supervisory responsibility. Suggestions made by ATECH either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they and not ATECH are responsible for carrying out procedures appropriate to a specific application.

Customer Responsibility

The technical information and application advice given in this publication is based on the best information available at time of print. As the information herein is of a general nature, no assumption can be made as to the products suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use.

Safety Precautions

Polyurethane products may cause allergic reactions through skin contact, goggles, protective gloves and overalls must be worn. Ensure that there is adequate ventilation and avoid breathing the vapour.

Exclusion Clause

1. The information contained in this data sheet is based on many years experience and is correct to the best of our knowledge. ATECH will be under no liability whatsoever whether in:
 - a) Contract or tort (including, without limitation, negligence)
 - b) Breach of statute
 - c) Any other legal or equitable obligation other than the quality of the product at the time of despatch.
2. Any queries about specification use or application should be directed to our technical service department immediately.
3. This exclusion clause does not operate to exclude any warranty that by law may not be excluded.



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