

# ATECH PLUS

Flooring Solutions

## UFLOOR® UV GLOSS

### Description

UFLOOR® UV GLOSS is a 1-component, high solids, medium viscosity, UV stable polyurethane elastic coating. It cures using moisture in the atmosphere to produce a top coat sealer with excellent abrasion resistance. UFLOOR® UV GLOSS has excellent chemical resistance making it the ideal flexible top coat. It imparts a gloss finish and is available in light grey, dark grey, oxide red, and green. Special colors available upon request

#### TYPICAL PROPERTIES

<b>Solid Content</b>	<b>80%</b>
<b>Viscosity</b>	<b>3000 cps</b>
<b>Tack free time ( 25°C)</b>	<b>1 - 5 Hours.</b>
<b>Final Cure Time (25°C)</b>	
- Traffic	24 Hours
- Chemical	7 Days
<b>Shore Hardness (ASTM D2240)</b>	<b>95 Shore A, 50 Shore D</b>
<b>Elongation (ASTM D412)</b>	<b>320%</b>
<b>Tensile Strength ((ASTM D412)</b>	<b>22 MPa</b>

### Consumption

0.40 litres per m<sup>2</sup> per coat. Wastage Excluded.

### Packaging

18.90 Litres

### Application Guidelines

#### Surface Preparation

Surfaces receiving an application of UFLOOR® UV GLOSS must be clean, sound, dry, and free of oils and other bond inhibiting contaminants. When applying UFLOOR® UV GLOSS to a concrete substrate, use of mechanical methods such as shot blasting, sandblasting or hydroblasting are recommended to produce a clean and lightly textured surface.

When top coating a system, if the recommended recoat time is exceeded or if contamination of the substrate occurs, consult Technical Service.

#### Mixing

Although UFLOOR® UV GLOSS is a 1-component polyurethane product, it still requires mixing to ensure consistent curing and uniform color. Mixing is accomplished by using a jiffy paddle and low speed drill (400 to 600 rpm) and blend for 1 to 2 minutes so as not to incorporate excessive air into the product.

#### 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.

#### Application

Prior to applications, remove all sources of ignition.

#### Top coat Over Systems

Use a high quality roller, brush or squeegee to apply a uniform film at the recommended rate. Airless spray application is also possible. Check for appropriate nozzles and pressure.

#### LIMITATIONS

Minimum application temperature of 5°C and rising. Do not apply over damp or wet substrates. Do not apply to surfaces with active moisture vapor transmission. New concrete must cure 28 days prior to application.

### Safety Guidelines

Do not use product near flame or open light.

Adequate ventilation is required during the application process.

Approved eye protection and gloves are recommended during application.

Should contact occur with eyes or skin, wash thoroughly with soap and water. If irritation persists, obtain medical attention.

Consult Material Safety Data Sheet for details

### Storage

UFLOOR® UV GLOSS should be kept dry and cool. Shelf life of product stored in original containers is 3 months.

UFLOOR® UV GLOSS must be protected against moisture.

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#### Atech Solutions Pty Ltd

Unit 10, 632-642 Clayton Road, Clayton South 3169 Australia  
PO Box 3215 Mentone East VIC 3194 Australia  
Tel: +61 9017 6794 Fax: +61 3 8640 0837  
[www.atechproducts.com.au](http://www.atechproducts.com.au)

#### 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.

