

## MONO ULTRA AWP

### Elastomeric modified acrylic waterproof coating

#### Description

**MONO ULTRA AWP** is an acrylic based elastomeric, waterproof coating for roofs and walls. **MONO ULTRA AWP** is suitable for application on concrete, masonry, plaster, terrazzo tiles, corrugated iron, etc.

**MONO ULTRA AWP** is available in variety of colours and is ideally suited for external application.

#### Applications

**MONO ULTRA AWP** is designed for use as:

- Waterproof coating for sloped roofs and vertical walls.
- Waterproof coating over existing terrazzo tiles.
- Waterproof coating over corrugated iron sheets.
- Waterproof and protective coating over roof polyurethane foam.
- Waterproofing and protection over bituminous waterproofing membranes and coatings.

#### Advantages

- Elastomeric with increased tensile strength.
- Improved adhesion.
- Single component, easy to apply.
- Non-toxic and nonflammable.
- Available in different colours.
- UV stable and resistant.
- Will not support fungus growth.
- Easy maintenance.
- Environment friendly.

#### Method of Use

##### SUBSTRATE PREPARATION

Surfaces to receive **MONO ULTRA AWP** should be clean, sound, and free from oil, grease, dirt and loose particles. Substrate should be dry, with no standing water. Spalled surfaces, cracks and defected concrete should be repaired. New concrete substrate should be at least 14 days old.

#### Priming

**MONO ULTRA AWP** is designed to be applied over well prepared substrates directly without a primer. For extremely porous surfaces, it is recommended to dilute **MONO ULTRA AWP** with water 1:1 and apply it as a primer coat @ 5 m<sup>2</sup>/ltr and allow it to dry.

For fairface concrete surfaces, roughening the surface before application is needed. Alternatively, if roughening is not possible, Repcoat Primer should be used.

#### Technical Properties

<b>Appearance:</b>	Thick liquid
<b>Colour:</b>	White, grey, beige (various)
<b>Specific gravity:</b>	1.35 ± 0.05
<b>Solids content:</b>	
<b>By weight</b>	61 ± 2%
<b>By volume</b>	51 ± 2%
<b>Overcoating time:</b>	2 hr @ 35°C, 4 hr @ 25°C
<b>Application temperature:</b>	5 to 40°C
<b>Water permeability:</b>	Impermeable
<b>Resistance to water pressure</b>	
<b>(2 mm coating):</b>	> 5 m Hydrostatic pressure
<b>DIN 1048</b>	
<b>Elongation at break:</b>	≥ 350% @ 7 days
<b>ASTM D412</b>	
<b>Tensile strength:</b>	≥ 1.5 MPa @ 7 days
<b>ASTM D412</b>	
<b>VOC:</b>	< 50 g/ltr

#### Application

**MONO ULTRA AWP** Aquaguard can be applied by brush, roll, or airless spray machine.

The first coat of **MONO ULTRA AWP** should be applied at the rate of 0.47 kg/m<sup>2</sup> and allowed to cure for 4 hours depending on ambient temperature.

The second coat should be applied perpendicular to the first coat at the same rate above, and

allowed to cure. For heavy pedestrian traffic, it is recommended to use fiberglass scrim reinforcement, embedded firmly in the second coat while wet, and a third coat should be applied.

**Note: MONO ULTRA AWP** should not be applied at ambient temperatures below 5°C and dropping. **MONO ULTRA AWP** should not be applied on surfaces expected to suffer from rising dampness or relative humidity greater than 75%.

## Cleaning

All tools should be washed and cleaned immediately after use with clean water.

## Packaging

**MONO ULTRA AWP** is available in 1, 5 and 25 kg containers.

## Coverage

0.53 kg/m<sup>2</sup> to achieve 200 microns dry film thickness.

## Storage

**MONO ULTRA AWP** has a shelf life of 18 months from date of manufacture if stored at temperatures between 50°C and 40°C.

If these conditions are exceeded, STARKE Technical Department should be contacted for advise.

## Cautions

### Health and Safety

As with all acrylic paints, care should be taken during use and storage to avoid contact with skin, eyes and mouth. Wear suitable protective clothing, gloves and eye/face protection. Should accidental skin contact occur, remove immediately with plenty of clean water. If swallowed, seek medical attention immediately - do not induce vomiting.

For further information refer to the Material Safety Data Sheet.

### Fire

**MONO ULTRA AWP** is nonflammable.

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