

# HyperGrip™

## Methacolle Resin for HyperGrip™

### Description

Methacolle Resin is a semi-liquid two-component methacrylic based coating intended to achieve adhesion and embedment of calcined bauxite aggregate to provide efficient and durable High Friction Surface Treatment within HyperGrip™ BBA HAPAS Type 1 Certificate number 15/H233.

### Installation

Installation must be in accordance with the BBA Approved Method Statement reference M254375 AMS 100415.

Manual flat-bladed squeegee for scratchcoat to be manufactured from methacrylic-resistant rubber.

Manual notched 6mm squeegee for surface course manufactured from methacrylic-resistant rubber.

### Surface Conditions

If intended surface has a high macrotexture (>2mm) it is recommended to apply a scratchcoat to fill the negative texture followed by the surface course with drop-on aggregate to achieve the correct thickness, adhesion and aesthetical appearance.

### Precautions

Mix the product fully for a minimum of one minute before adding the BPO powder hardener

Add the BPO powder hardener to the resin and mix thoroughly for a minimum of one minute using a high-torque mixing drill with a helical mixing blade.

Apply the Methacolle Resin to a clean, dry substrate immediately after mixing.

**Do NOT premix BPO powder hardener and Methacolle in advance of required use and do not dilute.**

### Application Conditions

Substrate temperature must be above 5°C or the calculated Dew Point whichever is the higher.

Substrate temperature must be below 35°C

**DO NOT APPLY OUTSIDE OF THE SPECIFIED TEMPERATURE RANGE**

### Consumption

Scratchcoat: Variable due to texture depth. Approximately 1.6kg/m<sup>2</sup> on a substrate with 2mm texture depth.

Surface Course: Variable due to texture depth. Approximately 2kg/m<sup>2</sup> following scratchcoat.

### Cure Time

BPO Powder Hardener can be adjusted to suit temperature and site conditions but **MUST** be within 1% and 3% of Methacolle Resin by volume.

Working Time: Approximately 10 minutes at 20°C

Cure Time: Approximately 45 minutes at 20°C

### Cleaning of Equipment

Tools and equipment should be cleaned using Thinner AB or Thinner MEK whilst still soft and before cure. Mechanical abrasion is required if the material has cured.

**DO NOT BURN CURED MATERIAL**

### Physical Characteristics

Density: 1.72kg per litre

Viscosity at 25°C: 88-92 KU

Solid Content: 76% ± 3%

Ash Content: 60% ± 3%

### Packaging

Methacolle: 20kg tin or 300kg drum

BPO Powder Hardener: 200g bag

### Storage

Material must be stored in a dry, well ventilated place away from heat sources.

Methacolle Resin should be used within 12 months of date of manufacture.

### Safety & Environment

Do not dispose into the environment.

Read the available Material Safety Data Sheet.

