

# HYDROGARD PUA PRIMER

## Two-Part Polyurethane Primer

### DESCRIPTION

Hydrogard PUA Primer is a two-part, low viscosity 100% solid resin primer for use on concrete or mortar substrates prior to the application of Hydrogard PUA.

### USES

Adhesion promoting primer for concrete and mortar substrates to enhance surface levelling prior to the application of Hydrogard PUA.

### COMPLIANCE

Hydrogard PUA Primer is CE marked in accordance with European Harmonised Standards.



### PROCEDURE

Firstly, ensure the substrate is flat, clean and dry and has a maximum surface humidity of 5%. Any surface laitance or other residual contamination should be removed by jetwashing followed by any further mechanical preparation (as outlined in the Hydrogard PUA technical datasheet). The primer should not be applied to any damp surfaces – Such surfaces should be dried to achieve the maximum humidity of 5%. Mix the two polyurethane components of Hydrogard PUA Primer with a mechanical mixer for 2-3 minutes. Depending on porosity of the substrate the coverage will vary from 150g – 300g / m<sup>2</sup>. Application by roller, brush or airless spray equipment is acceptable. Ensure the primer is completely dry before applying Hydrogard PUA.

Property	Value
Application Consumption	150-300g/m <sup>2</sup> (substrate dependent)
Pot Life at 23°C	35-50 mins
Tack-free time at 23C	60 mins
Dry time	2-3hrs
Mix Ratio	1:1
Density at 23°C	1.11g/cm <sup>3</sup>
Viscosity at 23°C	+700 cps
Concrete Adhesion	>2 MPa
Recoat range time at 23°C	3-24hrs
Maximum moisture content of substrate	5% humidity

### PACKAGING

2no. 5kg Tins

### STORAGE & SHELF LIFE

Hydrogard PUA Primer has a 12-month shelf life when stored in dry conditions with temperatures between 5°C – 35°C.

### HEALTH & SAFETY

See separate material safety datasheet