

MasterJoint PRI 695

A single component, solvent-based polyurethane primer and adhesion promoter

Material Description

MasterJoint PRI 695 is a solvented, single component, moisture curing polyurethane primer and adhesion promoter for use with MasterJoint CHR Polyurethane and Polyurea sealants.

Areas of Application

MasterJoint PRI 695 is designed for use as an adhesion promoting primer on MasterJoint sealant especially for immersion applications as well as security applications when pick resistant properties is expected.

MasterJoint PRI 695 can be also used as adhesion promotor in polyurethane waterproofing applications.

Characteristics & Benefits

- Excellent adhesion to aged membranes – ideal for repair situations.
- Rapid cure – does not slow the progress of the job.
- Low viscosity - easy to apply and low consumption.

Properties

Supply form	Liquid single pack
Colour	Brown liquid
Application	Temperature >5 to 35°C
Density (g/cm ³)	1.0-1.02
VOC (g/L) ASTM 2369-10	550
Non-volatiles,% (Solids by weight) ASTM D 1259	50%

The performance data is typical and based upon controlled laboratory conditions. Actual performance on the job site may vary from these values based on actual site conditions.

Application

Surface Preparation

The surface to which MasterJoint PRI 695 is to be applied must be clean and dry and free from oil and grease and any other substance which may impair the adhesion of the MasterJoint PRI 695.

The temperature of the substrate must be at least 3 °C above the dew point and for at least 4 hours after application (at 15°C).

When MasterJoint PRI 695 is to be applied directly to the substrate, it is necessary for concrete and other cementitious substrates to have a minimum pull off strength of 1.5 N/mm². Any laitance present on the surface must be removed mechanically. Shot blasting or scabbling is the preferred method. Release oil and other contaminants which may impair adhesion must be removed prior to application of the primer. For substrate pre-treatment on other substrates, contact your local Master Builders Solutions Technical Sales Representative.

Mixing

MasterJoint PRI 695 is supplied in working packs. No mixing is necessary before application. Any material that is gelled should be discarded.

Application

MasterJoint PRI 695 is a single component material. Prior to application, it should be conditioned to a temperature of 15° to 25° C. Apply by a brush or small roller followed by back rolling. It is important to apply MasterJoint PRI 695 thinly and to avoid ponding.

The curing time of the material is influenced by the humidity and the ambient and substrate temperatures. At low humidity and low temperatures, the chemical reaction is slowed down, this lengthens the curing time and the re-coating intervals. At high humidity and high temperatures the chemical reaction is accelerated thus the time frames mentioned above are shortened accordingly. If the maximum recoating times are exceeded, MasterJoint PRI 695 should be reapplied.

Following application, the material should be protected from direct contact with water which will impair adhesion to the subsequent coat.

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Ensure that the solvent contained in the material is allowed to flash off completely before applying the subsequent coat. The temperature of the substrate must be at least 3°C above the dew point both during the application and for at least 4 hours after the application (at 15 °C).

MasterJoint PRI 695 should be still tacky (the solvent will have evaporated and the surface will not be marked by a lightly applied finger but will create some resistance) before application of subsequent coats. Please refer to the properties section for re-coating intervals.

Estimating Data

The consumption of **MasterJoint PRI 695** is between 0.05 and 0.1 L/m² depending on the condition and porosity of the substrate.

MasterJoint PRI 695 will foam if applied too thickly and this will cause de-bonding between primer and subsequent coats.

The above consumption figures are intended as a guide only and may be higher on very rough or porous substrates.

Packaging

MasterJoint PRI 695 is supplied in cans of 1 litre.

Storage & Shelf Life

MasterJoint PRI 695 has a shelf life of 12 months. Store out of direct sunlight, clear of the ground on pallets protected from rainfall.

Precautions

For the full health and safety hazard information and how to safely handle and use this product, make sure that you obtain a copy of the Safety Data Sheet (SDS) from our office or website

Disclaimer

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