

Solvent-free epoxy resin primer system

Description

Fosroc Primer 195 is a 100% solids, two-part epoxy resin based primer system, primarily used as primer for Fosroc Polyurea on dry and damp concrete, and steel.

Refer to Fosroc Polyurea Data Sheets and Method Statements for all details including surface preparation.

Advantages

- Excellent bond to dry and damp concrete
- Solvent free

Typical Properties

Appearance

Part A	Clear yellow liquid
Part B	Clear dark yellow liquid

Viscosity 23°C

Part A	900 cps
Part B	900 cps

Specific gravity

Part A	1.11
Part B	1.02
Mixed	1.07

Packaging	20kg packs
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Application

Pour and drain the full contents of the Part B container into the Part A container and mix thoroughly with a slow speed electric stirrer for a minimum of 3 minutes until homogeneous. Apply immediately onto the substrate.

Spread by squeegee then over-roll with a roller to ensure even coverage, until the surface is completely wetted out.

See Coverage Rates.

A broadcast of 0.2-0.5mm dried quartz sand can be used to improve bonding to the subsequent layer, particularly for trafficked applications – consult data sheet and method statement for the relevant product.

Refer to Fosroc Polyurea Data Sheets and Method Statements for polyurea-specific application details.

Application Temperature

Application temperature range is +5°C to +40°C. Materials must be stored between +15°C and +25°C for a minimum of 48 hours immediately prior to use.

Coverage Rates

Average Finish Concrete	80m ² per 20kg pack
Rough/porous concrete	50m ² per 20kg pack
Steel surfaces	150ml per m ²

Typical Drying Times

Touch Dry, 35°C	1 hour
Touch Dry, 20°C	2 hours
Touch Dry, 10°C	4-6 hours

Storage

When stored in original packaging in dry warehouse conditions at temperatures between +10°C and +35°C, Fosroc Primer 195 will have a shelf life of 12 months.

Storage outside these conditions may reduce shelf life.

Cleaning

Tools and equipment can be cleaned immediately after use with Fosroc Solvent 102. Hardened material must be removed mechanically.

Limitations

Do not use on floors where rising damp or a potential osmosis problem may exist.

Do not proceed with application if atmospheric relative humidity is >90% or if the surface temperature is <3°C above the dew point.

Application should not commence when the substrate temperature or the ambient temperature is, or is anticipated to be, <+5°C during the application or within the touch dry period.

Precautions

Health & Safety

For further information refer to the appropriate Safety Data Sheets.

Fosroc® Primer 195

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Fire

Fosroc Primer 195 is non-flammable. Fosroc Solvent 102 is flammable. Keep away from sources of ignition. No Smoking. In the event of fire, extinguish with CO₂ or foam. Do not use a water jet.

Flash Point

Fosroc Solvent 102 33°C

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Important note :

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Fosroc endeavours to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it.



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