

Product Data Sheet – Structherm R7 Liquid Acrylic

Structherm R7 Acrylic is a modified Acrylic emulsion used to improve the adhesion of Structherm renders to difficult substrates, where the background does not supply sufficient key or has poor suction characteristics. The material is usually diluted before use and may be used in various ways including as a priming coat, as a gauging liquid and to prepare polymer modified scud coats.

- Structherm R7 Acrylic may be used as a priming coat to combat problems due to insufficient key or poor suction. Following dilution the primer is applied directly to the wall just before rendering and then the render is applied whilst the primer is still tacky.
- Alternatively Structherm R7 Acrylic may be used as a gauging liquid to combat problems due to insufficient key or poor suction. Following dilution it is mixed directly with the render and the render applied normally.
- Structherm R7 Acrylic, following dilution, may be mixed with Structherm HP12 Base to prepare a polymer modified scud coat. This can then be used as a splatter-dash or stipple coat on poor backgrounds to combat problems due to very poor suction or lack of key.

DILUTION

- Dilute Structherm R7 Acrylic by pouring the material into clean drinking water.
- For most applications a dilution of 1 part Structherm R7 Acrylic to 4 parts water is recommended.
- Site trials should be carried out to determine the optimum dosage rate.

PRIMING COAT

- Dilute Structherm R7 Acrylic as required.
- Mix render, ready for application.
- Apply primer to surface using brush or roller.
- Apply render to primed background whilst the primer is still wet or tacky.
- Do not allow primer to skin over or dry before applying render.

GAUGING LIQUID

- Dilute Structherm R7 Acrylic as required.
- Use diluted Structherm R7 Acrylic as gauging liquid to mix render.
- Apply render to substrate as normal.
- Structherm R7 Acrylic may affect the render performance including handling properties and setting times.

SCUD COAT

- Dilute Structherm R7 Acrylic as required.
- Use diluted Structherm R7 Acrylic as gauging liquid to mix with Structherm HP12 Base into a slurry.
- Apply as splatter-dash or stipple coat to background.
- Allow scud coat to cure before rendering.

COVERAGE

As a primer, approximate coverage is 5 to 10 square metres per litre of diluted material, depending on substrate and level of application.

PACKAGING

Structherm R7 Acrylic is packed in 5 Kg or 25 Kg plastic containers. The shelf life is approximately 6 months if stored off ground in original, sealed containers and protected against frost and away from direct sunlight.

- Protect weather exposed surfaces during drying.

CLEANING

Clean tools and equipment with water immediately after use. If the product has been left to harden it can only be removed mechanically.

OTHER INFORMATION

- Safety- The product is non hazardous if used according to the manufacturer's instructions; a separate material safety data sheet is available on request.
 - A Technical advisory service is available on request.
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