

# Technical Data Sheet

## Spectra

### Description:

**Spectra** is a high quality, solvent-free 1.5mm grain texture plaster made from synthetic resin for the coloured façade design for outside. Thanks to its elasticity, it is highly resistant to cracking.

- Graded aggregates to assist in regulating accurate minimum thickness
- Easy to apply
- Vapour permeable
- Weatherproof
- Solvent-free
- Waterbased
- Microfibre reinforced for added crack resistance
- Sustainable - contains new recyclables

### Typical Use:

**Spectra** is used as a high-quality, impact-resistant and water vapour permeable finishing plaster.

### Expectation:

**Spectra** will cure to form a strong and durable crack-resistant background which will accept a Resene paint system.

### Limitations:

Do not apply less than 1.5mm per coat.

### Technical Data:

Mix ratio:	20kg pails.
Coverage:	2.5-3kg a m <sup>2</sup> (approx 7-8m <sup>2</sup> a bucket)
Substrates:	Flat plastered surface
Vapour Permeability:	No vapour barrier formed. Breathable.
Application Temperature:	+ 5 °C to + 30 °C

### Surface Preparation:

When using **Spectra** make sure the substrate is clean, sound, dry and free from dust, dirt, grease, mould and lichen. If necessary, water-blast, sand or rasp the surface accordingly. Highly-absorbent substrates are to be primed with an RCS primer. Check tensile bond strength of critical substrates.

Application:

**Spectra** is ready for use after stirring. Apply **Spectra** with a stainless steel trowel to a thickness of about 1.5 mm. Dilute with max. 1 % clean water, if necessary. Once dry or hardened, a paint system from Resene Construction Systems can be applied, e. g. Resene X200

Curing:

In normal conditions (+ 20°C / 65 % relative humidity) allow approx. 24-48 hours for drying subject to the application thickness. During the setting and drying process, water evaporates from the material which is why it is significantly influenced by the ambient temperatures. Lower temperatures and/or higher humidity may extend the drying time.

Application of Resene Umbrella additive to assist the improvement of dry times can be added to the **Spectra** prior to application.

Clean up:

Wash equipment and spills as soon as possible with water. Do not mix with different materials. Stir thoroughly before use. Cover adjacent areas or protect against splashes. Thoroughly clean tools and equipment with water after use.

Storage

Protect from frost or freezing temperatures. Shelf life is at least 12 months when stored in original, unopened buckets.

Environmental and Safety

Ensure washing water does not enter waterways. Wet waste can be soaked into land or disposed of in trade waste. The powder is an irritant and paper dust masks are advised when handling. The wet compound is Alkaline and prolonged skin contact should be avoided. Wear rubber gloves, dust mask and safety glasses when handling product.

Material Safety Data Sheets are available on request.