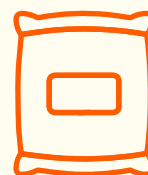


# \* ECSTRA CRYSTAL

## Surface-Applied Breathable Waterproof Powder

**10 kg**

EcstraCrystal is a brush-applied crystalline waterproofing system. Mixed with water, it forms a slurry that penetrates concrete. Its NeedleCore Technology™ reacts with moisture to create crystals that block pores and seal hairline cracks (up to 0.5mm). Unlike surface-only waterproofing, EcstraCrystal keeps growing crystals over time for lasting protection.



### PERFECT FOR



Waterproofing | Damp-proofing | Crack sealing | Stopping active leaks | Basements | Swimming pools | Underground parking | Tanks | Decorative water features

### ECSTRA ADVANTAGES



Easy application | Long-lasting protection | Seals hairline cracks | Resists chemicals | Safe for potable water | Non-toxic | No chloride | Works inside or outside | NeedleCore™ Technology

### HOW TO USE



#### Surface Preparation:

For both old and new concrete, clean the surface thoroughly by removing loose particles, oil, and contaminants using a wire brush, grinder, or water blasting (preferred). After removing formwork on new concrete, clean it with acid etching, wire brushing, grinding, or water blasting. The surface should be damp before applying EcstraCrystal. For cracks and joints, cut a U-shaped groove, clean and wet it, then apply a thick coat of EcstraCrystal. Let it dry for 15 minutes before sealing with a mortar.

#### Mixing:

Add EcstraCrystal powder to clean water and mix for 4-5 minutes until smooth. Use 2.2L-3L of water per 10kg bag. Mix only what can be applied within 15-20 minutes.

#### Application:

Ensure the concrete surface is saturated surface dry (SSD) before application. Apply the first coat using a stiff brush in a circular motion, filling all pores and cracks. Apply a second coat in a cross direction within 12-24 hours.

### Curing:

Spray the treated surface with water 3-4 times daily for at least 3 days to keep it moist and allow crystal formation. Avoid foot traffic for 72 hours and heavy traffic for 7 days.

### COVERAGE



For standard applications, use 1.1-1.2 kg/m<sup>2</sup> in two coats. For weaker concrete (<M25) or negative side applications, use 1.3-1.5 kg/m<sup>2</sup> in two coats.

### SPECIFICATIONS



Appearance	Grey Powder
Bulk Density g/cm <sup>3</sup>	1.20±0.10
Pot Life @ 27°C	25-30 Minutes
Application Temperature	5°C to 35°C
Coefficient of Water Permeability DIN 1048 Part V @16bar Pressure	Reduces > 90% as per control

### ALWAYS BE SAFE



Use appropriate protective equipment | Ensure adequate ventilation during application | Avoid contact with skin and eyes

### SHELF LIFE



12 months | When stored in unopened containers in normal warehouse conditions

### ALSO FROM ECSTRA



**Ecstra2K** 2K Cementitious Acrylic Coating \* **EcstraPutty+** Waterproof Wall Putty \* **EcstraTex** SBR Latex \* **EcstraFix** Tile Adhesive \* **EcstraRopeseal** Oakum PU \* **EcstraPoly** Acrylic Polymer Coating \* **EcstraRoofcoat** Elastomeric Roof Coating \* **EcstraClear** Transparent PU Exposed Coating \* **EcstraWallPlast** Waterproof Breathable Drying Plaster \* **EcstraRainBlok** Exterior Waterproof Coating \* **EcstraWaterBlok** Flexible PU Foam Injection for active waterproofing \* **EcstraPowder+** Surface-Applied Breathable Waterproof Powder

