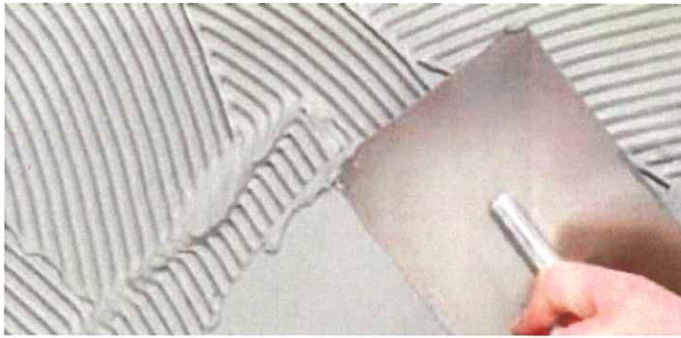


# Cerinol DS

## Mineral waterproofing slurries



One-component cement-based waterproofing slurry

### About this product

Cerinol DS is one-component waterproofing material which fills capillary void existing inside concrete with growth promoting action of insoluble calcium silicate crystal, when apply on concrete surface.

### Use

Cerinol DS is used for the waterproofing which is subject to positive and negative water pressure on underground structures in building work or civil engineering.

- Suitable substrates :
  - New, old or repaired concrete.
- Suitable areas :
  - Basement wall. (inside, outside)
  - Water tank.
  - Pit. etc.

### Product

- Color : Gray
- Appearance : Powder
- Packing : 25kg in paper bag
- Application tool :
  - Brush, trowel or spray.



### Technical data

Pot life(20°C)	60 minutes
Curing time(20°C)	24 hours
Bulk density	Approx. 1.38
Mixed density	Approx. 2.0
Adhesion strength to concrete	> 1N/mm <sup>2</sup>
Bending strength	6.86N/mm <sup>2</sup> *
Compressive strength	39N/mm <sup>2</sup> *
Application temperature	> +5°C

\*Aged after 28 days.

### Features and benefits

- ▶ Easy to mix and apply.
- ▶ Excellent bond to damp or wet concrete.
- ▶ Suited to application on both positive and negative water pressure side.
- ▶ Prolong the concrete construction life.
- ▶ Environment friendly.
- ▶ Against water pressure up to 0.2Mpa.

## Cerinol DS

### Preparation of substrates

All substrates must be sound and free of all contamination including laitance, paints, coatings, oil, grease and dust. Concrete and cement render surfaces must be roughened by suitable mechanical means such as grit blasting, high pressure water jetting or needle gunning. Thoroughly dampen the whole area with clean water before applying Cerinol DS.

### Mixing

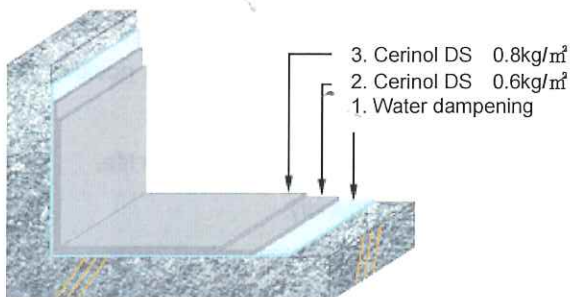
Use only clean water. Add 5-6 liters water per 25 kg bag.

Pour about 5-6 liters of water into a clean bucket, add powder gradually while mixing. Mix at least 4 minutes after adding all powder, to produce a smooth and homogeneous brush-able consistency until lump-free. After a ripening time of 3-5 minutes mix again shortly.

### Application

Apply Cerinol DS at least 2 layers by brush or trowel. Respect a waiting time of 1-2 hours before applying second layer.

Do not apply in direct sunlight or on a hot substrate.



## Mineral waterproofing slurries



### Storage

When stored unopened in a dry, cool and dark place, shelf life is 12 months from date of manufacture.

### Health and safety

Contains cement.

**T.Chatani & Co., Ltd.**

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