

Silico Surfacers



CONVERGENT GROUP

Research & Chemicals for Concrete

Densifier

Colloidal silica-based concrete hardener

DESCRIPTION

Silico Surfacers is an innovative surface hardener based on colloidal silica, designed to strengthen and densify concrete surfaces.

Thanks to its nanometric technology, it deeply penetrates the pores of the concrete and chemically reacts with calcium hydroxide to form a calcium silicate gel. This significantly improves the density, abrasion resistance, and durability of the treated surface.

Silico Surfacers does not form a surface film; instead, it acts through internal reaction, ensuring long-lasting protection without altering the natural appearance of the concrete.

ADVANTAGES

- Increases abrasion and wear resistance
- Reduces surface-generated dust
- Improves concrete durability and density
- Compatible with polishing and chemical protection finishes

APPLICATIONS

Silico Surfacers is ideal for :

- Industrial and commercial floors
- Warehouses, parking areas, hangars, logistics centers
- Surfaces exposed to heavy traffic
- Architectural concrete



HOW TO USE

Refer to the Silico Surfacers application system.

PHYSICAL PROPERTIES

- ◆ **Appearance:** Liquid
- ◆ **Color:** Transparent
- ◆ **Density:** Approx. 1.10
- ◆ **Coverage:** Around 10 m²/L (per coat)
- ◆ **pH:** Between 9 and 10
- ◆ **Shelf life:** 12 months in original, unopened packaging
- ◆ **Storage:** Protect from frost and extreme temperatures

PRECAUTIONS FOR USE

- ◆ Do not apply if rain is imminent
- ◆ Do not apply in cold weather (minimum temperature 5°C)
- ◆ Use soap and water to clean tools and equipment.
- ◆ Although our products are water-based, surplus must be collected or disposed of in accordance with local regulations. Do not discharge into sewers or rainwater drains.
- ◆ In case of contact with eyes or skin, rinse with plenty of water.
- ◆ Refer to safety data sheet for detailed recommendations.

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