

## **HYDROLOCK 500** (Water Proofing Agent)

HYDROLOCK 500 is a multifunctional aqueous solution that combines water repellency with consolidation properties when applied on mineral substrates.

Oligomeric propyl silicate/silicate concentrate as water-repellent and consolidant for mineral substrates

### **Basic Properties:**

Appearance : Clear, Colorless to Slightly yellowish

pH value : >8.00

Ionicity : Anionic

Foaming : None

Solubility : Easily soluble in water

### **Benefits and Advantages:**

1. Excellent long-lasting beading effect
2. High penetration depth and fast curing
3. Excellent consolidation of mineral construction materials
4. Generates water-vapor permeable, colorless treatment
5. Excellent reduction of water uptake
6. Resistant against alkaline environment
7. Prevents rising damp in brickwork and sand stone
8. Significantly reduces the formation of white deposits on treated surfaces

### **Typical Applications:**

HYDROLOCK 500 is especially suited for,

01. The water repellent treatment of low-fired clay products (e.g. roofing tiles, common brick, floor tiles, terracotta) as well as various natural stones, sandstones and gypsum
02. The consolidation and hydrothiolation of mineral construction materials and sand
03. The protection of brickwork from rising damp
04. The restoration of natural stone
05. As binder for silicate-based paints

**Scope of Applications:**

01. Clay roof tiles manufacturers
02. Terracotta tiles manufacturers
03. Gypsum/ gypsum boards manufacturers
04. Stone protection companies
05. Silicate paint producers
06. Paver producers
07. Stone/brick manufacturers
08. And many more applications

**Dosages:**

Coverage area by spraying 100-150 Sq Ft depending of absorption ration of substrate.

**Storage:**

Storage stability 12 months. It is recommended that it store at the temperature of above 4°C and below 40°C.

**Health & Safety:**

Health and handling advice on these products is given in individual data sheets, available upon request.

**Storage stability:**

One Year.

**Package:**

05kg, 20 kg and 60 Kg & 120 Kg plastic drum.

**Note:**

The above indications are based on the latest state of our knowledge. Due to different operational conditions and requirements these are guidelines only. A Legally binding assurance cannot be drawn from our indications. Our technician staff will always be at your disposal to support you in testing our auxiliaries and to answer further technical questions. Information on product hazards and toxicity as well as on safety measures are set out in the safety data sheet.