

## 620 Stone / Mineral / Concrete Coating, penetrative 7620 Penetrating Stain Protector

### APPROXIMATE COVERAGE RATES PER M<sup>2</sup>

- Concrete (excluding hybrid concretes with significant levels (more than 1%) of added acrylic compounds or other similar plasticising agents), approx. 10 - 30 m<sup>2</sup> / litre, depending on the density of the concrete).  
Testing above these ratios is advised.
- Tiles, unglazed/porous (approx. 20 - 40 m<sup>2</sup> / litre)
- Roofing tiles (approx. 15 - 25 m<sup>2</sup> / litre)
- Brick/masonry (approx. 20 - 30 m<sup>2</sup> / litre)
- Limestone (approx. 15 - 25 m<sup>2</sup> / litre)
- Sandstone (approx. 8 - 15 m<sup>2</sup> / litre)
- Mineral plaster (approx. 15 - 30 m<sup>2</sup> / litre)
- Marble & polished marble (approx. 30 - 50 m<sup>2</sup> / litre)
- Granite – polished granite (approx. 40 - 70 m<sup>2</sup> / litre)
- Natural stone (approx. 10 - 30 m<sup>2</sup> / litre)
- Slate (approx. 15 - 30 m<sup>2</sup> / litre), slate becomes slightly darker
- After application as oxidation and abrasion is reduced.  
Coated slate retains an "as good as new appearance" for a prolonged period)

**No concentrates available**

### PACKAGING & SHIPPING

| Art. No.             | Bottle / Canister |
|----------------------|-------------------|
| 620-1 / 7620-1       | 1 000 ml bottle   |
| 620-200 / 7620-200   | 200 litre barrel  |
| 620-1000 / 7620-1000 | 1 000 litre IBC   |

**HS Code: 3209 9000, no DG**



## 8628 HydroCrete Concrete Additive SiO<sup>2</sup>

### PROPERTIES

- Extremely strong mass-hydrophobic agent for wet-concrete
- Capillary regulating characteristic
- Protection against lime efflorescence
- High active ingredient
- Vapour diffusive
- High resistance to alkalis
- Plasticising properties (reduces brittleness, less cracking)
- Highly stressable stabilization
- Extremely weather-resistant
- Frost resistant and also resistant to de-icer
- Low dosage level

### FUNCTIONALITY

8628 HydroCrete is extremely well suited as hydrophobic concrete-additive for the manufacturing of paving stones, concrete slabs and prefabricated concrete elements.

8628 HydroCrete improves concretes compaction, regulates the capillary properties of the concrete and reaches a durable and long lasting structure which is effective in reducing water absorption; this is especially evident where the fully cured concrete is used to stop rinsing moisture.

8628 HydroCrete protects the concrete against lime-efflorescences and against the growth of micro-organisms (moss, algae, fungus) on and in the structure. The final concrete-product remains vapour-diffusive.

### APPLICATION

Stir the 8628 HydroCrete concrete additive thoroughly before use. Add the additive to the mixing water. The mixing time of the liquid should at least be 1 minute. Do not add 8628 HydroCrete to the dry concrete-mix.

The recommended dosage of 8628 HydroCrete is between 1% - 1.5% of the binder content (cement). Example: To create a concrete or cement mix. Take 1 kg of cement powder. Mix this with 2 kg of sand and 2 kg of aggregate. Mix thoroughly. Add 10-15 ml of the 8628 to 1 litre of water (the amount of water will alter depending on the nature of the concrete required as will the sand/cement/aggregate ratio). Stir this liquid for a minimum of one minute to ensure full dispersion. Add this newly created water + additive to the concrete mix as normal.

Please note that in this example, the 1 kg of cement powder plus 10 - 15 ml of the additive (1-1.5% of 7628 HydroCrete) is the critical ratio. If the mixture was based on 50 kg of cement powder you would add between 500 ml to 750 ml of 8628 HydroCrete, dependent of the performance level required.

Please use different doses for two-layer concrete (core-layer and face-layer). Example: Core-concrete: Appl. 1% facing layer: 1.5%

### PACKAGING & SHIPPING

| Art. No.  | Bottle / Canister         |
|-----------|---------------------------|
| 8628-1    | 1 000 ml bottle           |
| 8628-200  | 200 litre barrel          |
| 8628-1000 | 1 000 litre IBC container |

**HS Code: 3824 4000, DG**