

620 Stone / Mineral Coating, penetrative

Approximate coverage rates per m²

- concrete (excluding hybrid concretes with significant levels (more than 1%) of added acrylic compounds or other similar plasticising agents), appr. 10-30m² / litre, depending on the density of the concrete).
Testing above these ratios is advised.
- tiles, unglazed/porous (appr. 20-40m² / litre)
- roofing tiles (appr. 15-25m² / litre)
- brick/masonry (appr. 20-30m² / litre)
- limestone (appr. 15-25m² / litre)
- sandstone (appr. 8-15m² / litre)
- mineral plaster (appr. 15-30m² / litre)
- marble & polished marble (appr. 30-50m² / litre)
- granite – polished granite (appr. 40-70m² / litre)
- natural stone (appr. 10-30m² / litre)
- slate (appr. 15-30m² / 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)

620-1
620-200
620-1000

1.000ml bottle
200 litres barrel
1.000 litres IBC container

customs code 3209 9000, no DG
No concentrate available



7628 HydroCrete Concrete Additive SiO²

1. Product description

- 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

2. Functionality

7628 HydroCrete is extremely well suited as hydrophobic concrete-additive for the manufacturing of paving stones, concrete slabs and prefabricated concrete elements.

7628 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.

7628 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.

3. Application

Stir the 7628 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 7628 HydroCrete to the dry concrete-mix.

4. Dosage

The recommended dosage of 7628 HydroCrete is between 1% - 1.5% of the binder content (cement). Example. To create a concrete or cement mix. Take 1kg of cement powder. Mix this with 2kg of sand and 2kg of aggregate. Mix thoroughly. Add 10-15ml of the 7628 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 1 minute to ensure full dispersion. Add this newly created water + additive to the concrete Mix as normal.

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

7628-1
7628-200
7628-1000

1.000ml bottle
200 litres barrel
1.000 litres IBC container

customs code 3824 4000, no DG