



Coloured concrete stain, water and oil-repellent. Heat control technology: innovative formulation with cool pigments

- Semi-transparent concrete stain
- 42 standard shades, custom-made shades
- Heat control technology :formulation with cool pigments
- Protects against water and stains
- Non film-forming, respects minerality
- LEED certified

### SPECIFICATION TEXT

Implementation of ProtectGuard® Color Heat Control or equivalent. The product should be a coloured glaze that is water-repellent, oil-repellent and stain-resistant. It should also offer heat control properties that reduce the heat, increase durability of dark colours and preserve the concrete.

It should be formulated with an acrylic resin and water-borne fluorinated acrylic copolymer with UV-stable mineral pigments, including cool reflecting pigments . It should allow the substrate to breathe up to 90%.

Product should have a water resistance performance attested by external laboratories and should not deteriorate fire performances of concrete.

The product should be LEED certified with low VOC content.

Opacity and colours to be validated by the architect, according to the manufacturer's standard colour chart, RAL reference or other colour charts.

### TESTS

- Water-repellency (LRVision)
- Oil resistance (LRVision)
- Abrasion resistance (LRVision)
- UV resistance (LRVision)
- Fire test (Crepim, Thomas Bell)
- Permeability to liquid water according to European standard (CEBTP)
- VOC emissions / LEED certification (Eurofins)
- Chloride resistance (LMDC)
- Water absorption in concrete according to American standard (SIMCO)
- Thermic tests (BET Segui)

### APPLICATION

Implementation according to the manufacturer's recommendations and technical information sheet. Work carried out by a trained and approved company will benefit from a 10-year AXA contractual guarantee of good performance.

#### Substrate preparation :

- The conditions of application and preparation of substrates comply with DTU 59.1.
- Removal of efflorescence and cement residue with Guard Cleaner® Eco Surface Preparation or equivalent.
- Removal of existing paint with Guard Remover® Eco VG Painted Surfaces or equivalent.
- Removal of organic soiling with Guard Wash® Express or equivalent.
- Removal of greasy stains and residues of form oil with Guard Cleaner® Eco Maintenance or equivalent.

**Application with HVLP or roller in 2 to 4 layers according to the desired finish. See technical data sheet.**