

ANTIPOR® 77

Item No 2277

Admixture with strong colour intensifying and hydrophobic effect for manufactured concrete products

FIELDS OF APPLICATION

ANTIPOR® 77 is an admixture for the production of semi-dry vibrated or pressed concrete products such as paving blocks, palisades, kerbstones, and edging stones, pathways, and slabs for terraces. Especially suitable for coloured paving stones and flags as well as for colour-mix products.

ANTIPOR® 77 can achieve the following benefits:

- Hydrophobic effect
- Reduced capillary absorption
- Prevention of water penetration into the hardened concrete
- Significantly reduced efflorescence
- Even and closed surface texture of concrete
- Strong colour intensifying effect

DOSAGE

Recommended dosage range 0.5 – 2.0 mass-% of the cement content;
is equivalent to 5 – 19 ml per kg cement.

WORKING PRINCIPLE

ANTIPOR® 77 generates a hydrophobic capillary system in concrete which minimizes the transport of solvated calcium hydroxide to the surface. The occurrence of efflorescence is minimized thereby.

ANTIPOR® 77 improves the cement dispersion within concrete which leads to a homogenous structure and closed concrete surfaces.

TECHNICAL DATA

Homogeneity	homogenous
Colour	yellow
State	liquid
Density	1.03 ± 0.02 g/cm ³
pH-value	10.0 ± 1.0
Workability	from +1 °C
Shelf life	approx. 1 year from date of production if stored properly
Storage conditions	Store in unopened, original sealed packaging between +5 °C and +25 °C. Protect from frost and insolation.

PROCESSING INDICATIONS

Agitation or circulation is recommended before the product is firstly used and after an undisturbed period.

ANTIPOR® 77 should be added onto the ready mixed concrete mixture.

The mixing time must comply with the regulations defined in EN 206-1.

This product is not classified as hazardous according to the CLP regulations. See safety data sheet for further information.

PACKAGING

- 30 l can
- 200 l barrel
- 1000 l container

REMARKS

This information describes the application- and processing possibilities of a product and its operation principles under regular conditions. Having no influence on the further application and processing, especially in conjunction with other construction materials, the given indication is neither a warranty in respect of the product's properties or its fitness for a particular purpose nor a full instruction of use. This information, any other recommendation or verbal advice are not binding and do not infer to any liability or legal demand.

Due to continuous further development, the most recent Technical Data Sheet is valid and will be supplied on request. All orders are accepted subject to our current general terms and conditions.

Edition: 20 February 2023

SUITABILITY- AND PRE-TESTS ARE NECESSARY BEFORE APPLYING THE CONCRETE ADMIXTURE!