



ROCLAND

Proroc NT

Synthetic fibre additive for concrete industrial flooring

Product description

Proroc NT is a process that consist in the reinforcement of concrete slabs through the combination of two factors :

- multifilament PP fibres
- plasticiser

Proroc NT reduce plastic shrinkage and settlement cracking.

Proroc NT is made of a high strength multifilament that disperses easily and uniformly throughout the mix.

- Secondary reinforcement to inhibit cracking
- Enhanced pumpability
- Improve abrasion and shock resistance
- Reduce permeability
- Minimized bleeding
- Excellent resistance to almost chemical
- Rust proof

Proroc NT is versatile in its range of applications, but should never replace structural steel. It can easily and effectively be used in numerous concrete applications including:

- Concrete Floors
- Imprinted concrete
- Pavements
- Screeds
- Shotcrete
- Grouts
- Mortar

Packaging

- *Proroc NT* :
 - Water-soluble bags
 - 600 g. bag
 - 40 bags per box
 - 15 boxes (360 Kg) per pallet.
- *PO fluid* plasticiser:
 - 500 g bag.

Fibres must be stored under cover in dry conditions.

Method statement

Proroc NT is easy to use. It can be added to the concrete at the ready mix plant, or at the job site.

Proroc NT should be added at the rate of one bag (0.6kg) per m³ of concrete. Mixing time required for proper dispersion of *Proroc NT* is usually 5 minutes. However, this can be affected by mixer performance or the rate at which the fibres are added.

Proroc NT should be added one bag at a time. Slower addition of the fibres reduces the mixing time.

NO ADDITIONAL WATER is required. For greater workability use a *PO fluid* plasticiser (1 bag per m³).

Aspect

Fibres are thin enough (18 microns diameter) to be practically invisible onto the concrete surface.

Slabs can be left with or without specific coatings (finished surface can be rough, with floor hardeners or any other coverings).

All Rocland floor hardeners are compatibles with *Proroc NT* process, whether incorporation method is manual, mechanic or through a topping.

Health and safety

Non dangerous good.

Read safety data sheet for more details.

Note:

Whilst all reasonable care is taken in compiling technical data on the company's products, all recommendations or suggestions regarding the use of such products are made without guarantee since the conditions of use are beyond the control of the company. It is the customer's responsibility to satisfy himself that each product is fit for the purpose for which he intends to use it and that the actual conditions of use are suitable.



Z.A. Les Monts du Matin
Rue des Lauriers
F-26730 La Baume d'Hostun
France
Office phone : + 33 4 75 48 37 50

www.rocland.eu
contact@rocland.eu