

## GLOBALSEAL TBM/C-1P

GLOBALSEAL TBM/C-1P is a sealant, that can be used in tunnels dug with full-section mechanical cutter to prevent backfilling grout, water and mortar from penetrating the shield and reaching the digging face.

His high temperatures resistance reduces flame risk in tunnelling machines.

TBM/C-1P has excellent pumping properties and adhesion to all surfaces, excellent water wash out resistance, even against salt water.

It is formulated to resist high pressures. It is used, in particular, as a product of "first fill".

GLOBALSEAL TBM/C-1P should be stored in original, unopened container and at temperatures not upper 40°C and not lower than 5 °C.

If, during the transportation (i.e. in winter time), the product get frozen, it must be stored at 15-20 °C for 24 hours before using, the same for transportation at temperature higher than 40°C .

In winter time, we suggest transportation inside insulated containers.

GLOBALSEAL TBM/C-1P is not hazardous, it's partially biodegradable, non-toxic; it poses no threat to worker safety. However, it is recommended that all normal precautions be taken when handling the product, such as the use of eye protection and gloves.

### TECHNICAL PROPERTIES

(at +25°C and 60% R.H.)

Odour	: slight odour
Colour	: beige
Appearance	: fibrous
Density (ISO 758)	: 1.40 ±0.020 (g/cm <sup>3</sup> )
Consistency	: 180-200
Flash point (ASTM D 92)	: > 205 °C.
Pumping properties	: 40-45 [gr/min] at a pressure of 10 bar and Temp.25 ° C
Volatility (ASTM D 972)	: ≤ 3 %
Wash out test	: < 7 (%)
Water spray-off	: 2,28 (%)
Shelf life	: 1 year in sealed original containers, stored in a cool, dry place

### CONSUMPTION:

Although the consumption depends on the type of soil to be treated and the type of TBM, generally apply from 0.400 to 1.500 kg/m<sup>2</sup> (lb/ft<sup>2</sup> 0.08 to 0.31) in cross-section of the tunnel.

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**PACKAGING:**

250KG drums



*NOTE. The information given to users is based on our best experience. However, because of the many possible applications, which are outside of our knowledge and control, we cannot accept liability for loss or damage resulting from reliance upon such information*