

Tail Sealant for TBMs

DESCRIPTION



TamSeal TG66 is an economical driving grade tail sealant for shielded tunnel boring machines (TBM). TamSeal TG66 has been especially designed for use in less challenging ground conditions and profiles. Together with the wire brushes, the sealant forms an impermeable barrier between the tail shield of the TBM and the concrete segments to effectively seal off any ingress of water, soils and annulus grout/mortar grout back into the TBM invert.

KEY BENEFITS

- › Biodegradable
- › Self-extinguishing
- › Excellent resistance to water
- › Anti-washout
- › Excellent adhesion properties
- › Excellent pumpability
- › Controlled consumption rates
- › REACH compliant

TECHNICAL DATA

TamSeal TG66	
Odour	None
Colour	Off-white
Form	Homogenous paste
Density at 23°C	1.45 ± 0.05 (g/cm ³)
Consistency at 23°C	190 - 220 (1/10mm)
Flammability	Self-extinguishing

All technical data stated herein is based on tests carried out under laboratory conditions.

Whilst any information and/or specification contained herein is to the best of our knowledge, true and accurate, we always recommend that a trial be carried out to confirm suitability of the product. Please note regional climatic conditions may cause a variation in the performance of the product. No warranty is given or implied in connection with any recommendations or suggestions made by us or our representatives, agents or distributors. The information in this data sheet is effective from the date shown and supersedes all previous data. Please check with your local Normet office to confirm that this is current issue.

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APPLICATION GUIDELINES

Consumption

Consumption depends on various parameters such as, brush conditions, segment roughness, grout, water pressure and tunnel alignment. Typical consumption rates are 0.8 - 1.2 kg/m² segment surface. TamSeal TG66 performs best when used in conditions with an ambient temperature above 15°C.

PACKAGING

TamSeal TG66 is supplied in 250 kg and 70 kg metal drums, being suitable for the standard press plate pumping system installed in TBMs. Other packaging may be available upon request.

STORAGE

TamSeal TG66 should be stored at room temperature (min 5°C and max 40°C), kept dry and out of direct sunlight. If these conditions are maintained and the product packaging is unopened, then a shelf life of one year can be expected. TamSeal TG66 should be conditioned to the appropriate temperature before use.

HEALTH & SAFETY

TamSeal TG66 should only be used as directed. We always recommend that the Safety Data Sheet (SDS) is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Safety Data Sheet is available upon request from your local Normet representative.

