

MasterRoc[®] TSG 9

Tail sealant for shielded Tunnel Boring Machines

MATERIAL DESCRIPTION

MasterRoc TSG 9 is a tail sealant for shielded tunnel boring machines. It effectively seals the gap between the shield and concrete segments to prevent the ingress of water, grout or soil. It is formulated to resist high water and ground pressures, and has excellent pumping properties and adhesion to all surfaces.

AREAS OF APPLICATION

Tunneling with shielded TBMs equipped with a brush seal system..

CHARACTERISTICS AND BENEFITS

- Excellent sealing properties
- Excellent adhesion to any metal or concrete surfaces
- Excellent pumping properties

TECHNICAL DATA

Form	Homogenous paste
Colour	Off white
Smell	Characteristic
Density kg/litre; 20°C	1500 ± 30
Consistency ASTM D 217 (1/10mm)	210 ± 10
Matsumura sealing test	34.3 bar
Sulfated Ashes	> 50%
Insoluble matter	> 50%

CONSUMPTION

Consumption will depend on numerous factors, such as segment surface conditions, curve drives, brush conditions, grouting pressures, etc.

The usual consumption rate can vary between 0.8 – 1.5 kg/m² of segment outer surface area, but may well fall outside this range.

PACKAGING

MasterRoc TSG 9 is available in 70kg and 250kg steel drums.

SHELF LIFE

MasterRoc TSG 9 should be stored in unopened, original containers, preferably at 5 - 35°C. Shelf life is a minimum of 12 months.

PRECAUTIONS

For the full health and safety hazard information and how to safely handle and use this product, make sure that you obtain a copy of the Safety Data Sheet (SDS) from our office or website.

MasterRoc[®] TSG 9

Tail sealant for shielded Tunnel Boring Machines

DISCLAIMER

MasterRoc-TSG9 -ANZ-V4-0221

STATEMENT OF RESPONSIBILITY The technical information and application advice given in this MB Solutions Australia Pty Ltd publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use and for ensuring that the application and use of the product is in accordance with the manufacturer's guidelines and recommendations.

NOTE Field service where provided does not constitute supervisory responsibility. Suggestions made by MB Solutions Australia Pty Ltd either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not MB Solutions Australia Pty Ltd, are responsible for carrying out procedures appropriate to a

<p>MB Solutions Australia Pty Ltd ABN 69 634 934 419 11 Stanton Road Seven Hills NSW 2147</p> <p>Freecall: 1300 227 300 www.master-builders-solutions.com/en-au</p>	<p>MB Solutions New Zealand Ltd 45C William Pickering Drive Albany, Auckland New Zealand</p> <p>Freecall: 0800 334 877</p>	<p>Emergency Advice: 1300 954 583 within Australia (24hr) 0800 001 607 within New Zealand</p>
--	---	--