



TANKSEAL

TECHNICAL DATA SHEET NO.: **M-14-H**
DATE: **OCTOBER 2005**

PRODUCT CODE: WTS 1

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

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| Product Description | A highly water resistant non toxic bituminous coating for use on the internal surfaces of water storage tanks. | | |
| Intended Uses | <ul style="list-style-type: none">• This water resistant non toxic coating is ideal for use on interior surfaces of water tanks which may be used to hold drinking water.• It is self priming and may be used on clean steel, galvanised or masonry surfaces. | | |
| Product Information | Appearance | Gloss | |
| | Colour | Black | |
| | S G at 23 °C | 0,900 kg/ℓ (typical) | |
| | Recommended DFT | Min.: 25 µm | Max.: 35 µm |
| | Solids | Approx. 50 % by mass; 42 % by volume | |
| | Theoretical spreading rate | 12m²/ℓ at 35µm DFT | |
| | Typical spreading rate | Please apply appropriate correction factors | |
| | Viscosity at 23 °C | 80 KU (typical) | |
| | Flash Point | >23 °C | |
| Application Details | Mixing | Ready for use. | |
| | | Stir thoroughly with a flat paddle until homogeneous. | |
| | Method | Brush only | |
| | Substrate | Well prepared steel, galvanised iron, cement plaster and concrete.. | |
| | Application Environment | Surface Temperature | Ambient Temperature |
| | | Min.: 5 °C | Min.: 10 °C |
| | | or 2 °C min above dew point | |
| | | Max.: 40 °C | Max.: 40 °C |
| | | Max.: 40 °C | Max.: 85 % |
| | Thinner | MINERAL TURPENTINE (AZH 1) or UNIVERSAL REDUCER (PUR 1). Not normally required for brush application. | |
| | Clean-up | MINERAL TURPENTINE (AZH 1) or POLYCELL BRUSH CLEANER PAINT AND GREASE REMOVER. | |
| | Drying time | Touch dry | 2 h at 23 °C |
| | | Recoating | 48 h at 23 °C |
| | | Dry to handle | 16 h at 23 °C |
| Storage and Packaging | Store away from direct sun, open flames, sparks and severe cold. | | |
| | Packaging: | 5 ℓ | |
| Transportation | This product is non-hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996). | | |

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| Surface Preparation | <ul style="list-style-type: none">Surfaces must be clean and dry before painting. <p>MILD STEEL:</p> <ul style="list-style-type: none">Remove oil, grease and dirt contamination with AQUASOLV DEGREASER (GR 1). Rinse thoroughly with clean water.Remove any rust and millscale. For severe environmental conditions it is recommended that surfaces be abrasive blasted to a minimum of SA 2 ½ (ISO 8501-1:1988) to a max. metal profile of 35 µm. For less severe environment, hand or mechanical cleaning may be undertaken provided this removes all loosely adherent millscale and rust to give the degree of preparation as laid down in ST3 (ISO 8501-1:1988). <p>GALVANISED STEEL:</p> <ul style="list-style-type: none">Remove oil, grease and temporary protective coating with GALVANISED IRON CLEANER (GIC 1), followed by clean water rinses until a water break-free surface is achieved.Remove any white or red rust by wirebrushing, sanding, etc. back to bright metal. <p>PLASTER AND CONCRETE:</p> <ul style="list-style-type: none">Brush down to remove all dirt and loose material.Ensure that surfaces are clean and dry.Make good cracks and defects with POLYFILLA MASONRY PATCHING PLASTER and allow to dry thoroughly. |
| Recommended Primer | <ul style="list-style-type: none">No primer normally required. |
| Application | <ul style="list-style-type: none">Ready for use or if necessary may be thinned with a minimum quantity of MINERAL TURPENTINE (AZH 1) to achieve the ideal application viscosity.Apply two coats directly to the surface by brush allowing 48 hours drying between coats.Allow tank to stand well ventilated for a further 3 days before filling with water. |
| Cautions | <ul style="list-style-type: none">Tanks should be well ventilated as solvent vapours will delay drying.Contains an inflammable solvent. Keep away from naked flames and sparks. |
| Safety Precautions | <ul style="list-style-type: none">Ensure adequate ventilation and do not smoke during use. In closed environment, suitable respirators should be used.If spilt on skin wash thoroughly with handcleaner/soap and water.In the event of persistent discomfort, seek medical advice.Refer to Material Safety Data Sheet for complete information. |

DISCLAIMER:

The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

N.B.: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

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