

TRANSCOAT 1999 HR

High Temperature Silicone Acrylic

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| Product Description | Silicone acrylic heat resisting finish coat. | |
| Recommended Use | A single package finish coat for exterior exposure maintenance with heat resistance up to 200°C. | |
| Characteristics | <ul style="list-style-type: none"> • Fast drying. • Heat resistance up to 200°C. • Excellent colour and gloss retention. • Excellent weathering resistance. | |
| Physical Data | Colour | Aluminium, White and Other Colours on Request |
| | Gloss Level | Semi Gloss |
| | Volume Solid | Approx. 36% |
| | Dry Film Thickness | 40 microns per coat |
| | Number of Coat | 2 |
| | Theoretical Coverage | 9.00 sq.m/ltr for 40 microns |
| | Temperature Resistance | Continuous : 200°C (dry) |
| | VOC | 279 g/ltr |
| | Flash Point | 36°C |
| | Shelf Life | At least 12 month |
| | Pack Size | 5 litres; 20 litres |
| Surface Preparation | <p>Steel</p> <p>Dry abrasive blast in accordance with ISO - Sa 2.5 or SSPC - SP 10 "Near White". Blast to achieve a 25 microns anchor profile of as indicated with a Keane Tator Surface Profile Comparator.</p> <p>Remove abrasive residue or dust from surface.</p> | |
| Application Data | Application Methods | |
| | Airless Spray | |
| | Nozzle Tip | 0.38 - 0.53 mm (0.015 - 0.021 inch) |
| | Nozzle Pressure | 10 MPa (approx. 1400 psi) |
| | Conventional Spray | |
| | Nozzle Tip | 1.8 - 2.0 mm (0.071 - 0.079 inch) |
| | Nozzle Pressure | 0.3 MPa (approx. 43 psi) |
| | Brush or Roller Only for touch up | |
| | Mixing Ratio | One component |
| | Thinner | Thinner Trans 620 |
| | Cleaner | Thinner Trans 120 |
| | Surface Temperature | Should be 10°C - 49°C, at least 3°C above the dew point to prevent condensation |
| | Drying Time | |
| | Touch Dry | 30 minutes at 25°C, 15 minutes at 32°C |
| | Through Dry | 2 hours at 25°C, 1 hour at 32°C |
| | Overcoating | 4 hours at 25°C, 2 hours at 32°C |

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System Compatibility

Primer (operating temperature up to 400°C)

- Transcoat 95
- Transcoat 95 FT
- Transcoat SP 2005

For other suitable primers, please consult Transcoat Protective Coating.

Safety Precaution

Keep away from heat, spark and open flames. Avoid breathing of vapour on skin and eye contact. Keep container closed and store in cool, ventilated area when not in use.

Proper ventilation and protective measures must be provided during mixing, application and drying, to keep vapour concentration within safe limits and to protect against toxic hazard.

Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interior and building.

Disclaimer

The information in this product data sheet is given to the best of our knowledge based on laboratory testing and practical experience. If the product is used under condition beyond our control, we cannot guarantee anything but the quality of the products it self. The information in this product data sheet is liable for modification from time to time in the light of experience and our policy of continuous product development, and without further notice.
