

Protective & Marine Coatings PRODUCT DATA SHEET

SHER-CRETE™ TX

04/2023 Issue 9 - REF: CECR/RG

PRODUCT DESCRIPTION

Sher-Crete[™] TX is a water based, polymer modified cementitious coating designed for application to a wide range of floor and wall surfaces. Sher-Crete[™] TX provides a textured, durable finish strongly bonded to the substrate with a degree of flexibility. Sher-Crete[™] TX can be applied in exterior or interior situations.

ADVANTAGES	RECOMMENDED USE
 Can be built up to a range of thicknesses Degreee of flexibility Excellent adhesion Textured, anti-slip finish Internal and external applications Can be used as a floor and wall coating Ease of application 	 A wide range of industrial applications such as: Exterior floor finishes such as driveways & walkways Base coat for intermediate car park decks Public concourse areas Can be used on a wide range of substrates such as concrete and asphalt
PRODUCT DATA	
Volume Solids: ~62% VOC: <5 g/l Colours: Grey Finish: Textured Matt Flash Point: N/A Cleanser/Thinner: Do not thin Cleaning with water only Pack Size: 17.2 kg Pack Weights: 4.7kg liquid/12.5 kg filler Mixing Ratio: ~2.6 parts filler to 1 part liquid Mixed Density: ~1.89 g/cm ³ Shelf Life: 12 months (kit) in unopened containers Storage: Keep out of direct sunlight. Protect from freezing at all times Store in a dry place, between 5°C - 30°C Recommended Application Methods: Brush, roller, trowel, pin rake or squeegee.	 Typical properties at 20°C Cure Times Minimum recoating interval: 4 - 6 hours Light Traffic: 12 - 16 hours Full Traffic: 72 hours Full Chemical Cure: 7 - 10 days Pot Life: Up to 60 minutes from mixing Water based coatings may not show a visible end of pot life,therefore, it is essential to use all mixed product within the specified time frame. Typical Consumption: 2.0 - 4.0 kg/m² per mm thickness The coverage rate will vary depending on the texture and porosity of the substrate, site conditions, film thickness and method of application.

SURFACE PREPARATION

Ensure surfaces to be coated are clean, dry and free from all surface contamination such as oil, grease and dirt to achieve satisfactory adhesion.

Substrate should be primed using Sher-Crete™ Primer, REFER TO DATA SHEET FOR FURTHER INFORMATION.

For application onto other substrates, refer to Sherwin-Williams.

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APPLICATION CONDITIONS

The recommended application temperatures of the areas should be kept between 15 - 30°C throughout the application and the curing period. Surface temperature must be above 10°C.

RECOMMENDED SYSTEMS

Refer to product system guide for further information.

MIXING AND APPLICATION

Pour the liquid component into a mixing bucket.

Whilst mixing, add the aggregate component slowly and mix for a further 2-3 minutes using a drill and mixing paddle ensuring that the mixture is lump free and consistent.

The mixed material should be applied immediately.

Sher-Crete[™] TX can be applied by a variety of techniques including trowel, pin rake, brush and squeegee etc. Each of these techniques will leave unique tool marks in the finish and these can be avoided with the use of a loop roller, immediately after application

TECHNICAL INFORMATION

The following figures are obtained from laboratory tests and our experience with this product.

Category Guide: FeRFA Type 3

Temperature Resistance: Tolerant of temperatures up to 60°C

Compressive Strength: 28.7 MPa (BS EN ISO 604:2003)

Flexural Strength: 3.3 MPa (ISO 178:2010)

Tensile Strength: 1 MPa (BS EN ISO 527-2:2012)

Abrasion Resistance: AR 1 (Less than 100 microns wear) (BS EN 13892-4:2002)

Bond Strength: 2.0 N/mm² (BS EN 13892-8:2002)

Reaction to Fire: Bfl-s1 (BS EN 13501-1:2018)

Impact Resistance: >4 Nm (BS EN ISO 6272-1:2011)

Water Vapour Permeability: Sd <5m (Permeable to water vapour) (ISO 7783:2018)

WARRANTY

Any person or company using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk, and Sherwin-Williams can accept no liability for the performance of the product, or for any loss or damage arising out of such use.

The information detailed in this datasheet is liable to modification from time to time in the light of experience and normal product development, and before using, customers are advised to check with Sherwin-Williams, quoting the reference number, to ensure that they possess the latest issue.

DISCLAIMER

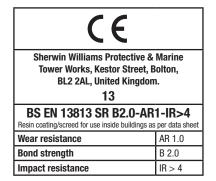
The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

HEALTH AND SAFETY

Consult Safety Datasheet for information on safe storage and handling of this product.

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