

Technical Brief

Painting Korogard®

Korogard® sheet is easily painted if recommended paints are used in accordance with manufacturer's recommendations. Due to the high chemical resistance of Korogard sheet, only certain paints adhere well. It is very important to use recommended paints to paint Korogard. Research has been performed into which paints are suitable and what methods should be used to successfully paint Korogard. These methods have proven successful in the field and will provide excellent results.

Paint Selection

Recent environmental concerns and legislation have caused the creation of paints with differing levels of "Volatile Organic Compounds" (VOC). High VOC level paints have a high solvent content. Low VOC level paints exhibit a lower level of solvent content and also do less environmental damage. Some states and counties have legislated what VOC levels may be legally used in their jurisdiction. Please check with local officials to learn if any restrictions on VOC levels exist before selecting a paint.

Normal VOC level paints have proven successful to paint Korogard. Methods have been discovered to make low VOC paints adhere to Korogard. Contact your local Korogard distributor if assistance is needed when using low VOC paints. The following paints are recommended for painting Korogard:

Recommended Paints	Call for Information
Sherwin-Williams Polane Series	800-331-7979
Cardinal Polyurethane Series	800-696-5244

Considerations When Using Recommended Paints

- Low VOC level paints have demonstrated lower adhesion properties. If a low VOC paint must be used, surface preparation prior to painting may increase adhesion. See "Surface Preparation" below.
- Retarding agents are available from paint manufacturers which have increased paint adhesion in laboratory testing. These retarding agents cause the paint mixture to evaporate slower, giving the paint more time to attack and adhere to the surface. As an example, adhesion of Polane T Plus paint was increased when Reducer 84 was replaced by retardant R7K216 in the paint mixture.

Surface Preparation

Paint adhesion can be increased by preparing the Korogard surface prior to painting. If paint adhesion problems are encountered, try the following surface preparation techniques. Always check to make sure using any of the methods listed below does not violate existing environmental statutes.

- Sanding—Sand the surface using fine grit sandpaper. This will roughen surface and make it more suitable for paint adhesion. Wipe the surface with dry cloth after sanding to remove debris.
- Isopropyl Alcohol (IPA) Wiping—A Korogard surface can be wiped using IPA or rubbing alcohol prior to painting. This method of treatment helps paint attack the surface and creates a strong bond to the Korogard.

Paints NOT Recommended

The following types of paints have provided poor adhesion in laboratory testing. Koroseal Wall Protection Systems does not recommend the use of the following paint types:

Epoxy Paints

Water-Based Paints

Latex Paints

Enamels

Even though Koroseal has experienced difficulties with the paints listed above, customers may experience success with these paint types in the field.



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