

Red Devil, Inc.

Technical Data Sheet

DURAGUARD™ Plus Premium Stain Resistant Kitchen & Bath Sealant – White & Biscuit – 0750 Series – Cart. & Sq. Tube

Description

DURAGUARD™ Plus Premium Stain Resistant Kitchen & Bath Sealant has excellent bonding strength to a variety of substrates, when fully cured. Cured bead is mildew resistant, remains permanently flexible & will not crack or discolor & allows many common stains to be easily cleaned off bead.

Key Features

- Mildew Resistant (cured bead) (contains HomeShield™ Antimicrobial Protection)
- Proprietary Polymer Blend for Stain Resistance
- Excellent Adhesion
- Durable Watertight Seal
- Permanently Flexible
- Paintable
- VOC Compliant
- Water Clean up

Uses

Use on Countertops, Vanities, Fixtures, Showers, Sinks, Tubs & Splashboards

Surface Preparation

Surface must be clean, dry & free from dirt, dust, grease, oil, mildew & contaminants that could impact adhesion.

Directions

1. Clip tip of spout @ 45 degree angle to desired size.
2. Load cartridge into caulking gun & apply.
3. Smooth caulk using a Red Devil Caulk Smoother or damp cloth for a neat appearance.
4. Wipe away excess w/ a damp cloth before surface skins over.
5. Protect from water until cured (72 hrs). Cool & humid conditions will extend cure time.
6. Clean hands & tools immediately after use w/ warm soapy water.

Physical/Performance Property

Weight Per Gallon

Specific Gravity

Total Non Volatile % Solids (Weight)

Viscosity (as packaged)

Consistency/Appearance

pH (initial)

Odor

Base Polymer

Filler/Pigment

Flash Point

Freeze/Thaw Stability

Shelf Life

Tack Free Time

Full Cure

Storage Conditions

Application Temperature

Service Temperature

Tooling/Workability

% Elongation

Painting

Clean Up

Test Method

Gardner Cup

Calculated

Computrac Analyzer

Semco Gun @ 50 psi

Visual Observation

pH Meter

Subjective

Known

Known

Closed Cup

Test Lab 0 F/77 F @24 hrs

or ASTM C731

Lab 50 C Oven – Accelerated

Test Lab

Test Lab

Test Lab

Test Lab

Lab Oven/QUV/Freezer/OE Fence

Test Lab/Field Evaluation

Test Lab

Test Lab

Test Lab

Typical Result

9 +/- 1

Approx. 1 to 1.1

Approx. 65 +/- 2.5

Approx. 7 sec +/- 2

Smooth, colored paste

7 to 9

Mild

Proprietary Polymer Blend

TiO2 Slurry

>200F – Non-Flam/Waterborne

Pass 5 Cycles

Expect 1 Yr @ 72F

< 72 hrs @ 72F

Approx. 3 days (3/16 bead)

Original Container: 40F to 90F

40F to 90F

-20 F to 180F

Excellent @ 50F to 90F

600% +/- 100%

24 to 72 hrs (cool/humid conditions will extend drying time)

Water – before cure

Clean Up

Clean tools immediately w/ water. Wash skin with warm water & soap.

For Best Results

- Store @ temperatures above freezing.
- Apply in temperatures above 40F
- Joint width should not exceed 1/2". If joint depth exceeds 1/4", use a backer rod.

Color

White & Biscuit

Packaging

HDPE Cartridge or Squeeze tube

Limitations

- Not recommended for automotive use, on mirrors or aquariums.
- Protect from water until cured (72 hrs) – cooler temperatures & higher humidity will extend cure time.
- Not recommended for below grade applications.
- Not recommended for below waterline applications.

Environmental, Safety & Transportation Information

| <u>Criteria</u> | <u>Evaluation Method</u> | <u>Status</u> |
|--------------------------|--------------------------|----------------------|
| CARB Compliance | Documents Review | Yes |
| Prop 65 Ingredients | Documents Review | Yes (see MSDS) |
| DOT Proper Shipping Name | Review of Regs | Not Regulated by DOT |
| DOT Hazard | Review of Regs | None |
| DOT UN/NA Number | Review of Regs | None |
| Packing Group | Review of Regs | None |
| VOC Content | Calculated | < 1.5%/wt, < 25 g/L |

CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. KEEP FROM FREEZING (See MSDS for additional safety information) WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

LIMITED WARRANTY

Recommendations for use of this product are based on tests we believe to be reliable. Manufacturer and seller are not responsible for results where this product is used under conditions beyond our control. If when applied as directed, this material fails to perform as represented, it will be replaced without charge upon presentation of proof of purchase and used container. This limited warranty only applies to residential use and damages including consequential damage and other remedies are excluded. No other warranties apply, including fitness for a particular purpose.

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SEE MSDS FOR ADDITIONAL DATA/INFORMATION