

Red Devil, Inc.

Technical Data Sheet

DURAGUARD Kitchen & Bath Sealant – White – 0405HD

Description

Duraguard Kitchen & Bath Siliconized Caulk is an advanced formula fortified w/ silicone for long-lasting flexibility & excellent adhesion, to ensure a protective barrier against moisture. It provides a watertight seal around kitchen & bath fixtures & cures to a smooth finish.

Key Features

- Mildew Resistant (cured bead)
- Easy Application
- Durable
- Paintable
- VOC Compliant
- Water Clean up

Uses

Use on counter tops, vanities, bathtubs, sinks, showers, splashboards & fixtures.

Surface Preparation

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

Directions

1. Cut tip of spout @ 45 degree angle to desired size.
2. Apply caulk forcing material into joint.
3. Smooth caulk using a Red Devil Caulk Smoother or putty knife.
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

13 +/- 1
Approx. 1.43 to 1.68
Approx. 79 +/- 2
Approx. 8 sec +/- 2
Smooth, white paste
7 to 9
Mild
Acrylic Emulsion
Calcium Carbonate, TiO2
>200F – Non-Flam/Waterborne

Pass 5 Cycles
Expect 1 Yr @ 72F
< 1 hr @ 72F
Approx. 3 days (72 hrs)
Original Container: 40F to 90F
50F to 90F
-20 F to 180F
Excellent @ 50F to 90F
300% +/- 100
Latex: 4-6 hrs, Oil-based: 24 hrs
Water – before cure

Clean Up

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

For Best Results

- Store away from extreme heat or cold.
- Apply in temperatures above 50F
- Joint width should not exceed 1/2". If joint depth exceeds 1/4", use a backer rod.

Color

White

Packaging

HDPE Cartridge

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

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