

# Cor-Ban 27L

## Description

Cor-Ban 27L is on the QPL for BMS 3-38 and is listed on NSN 6850-01-469-7645. Cor-Ban 27L has been formulated to function as a non-drying, wide temperature range, corrosion inhibiting compound for static joint applications on a multitude of substrates. A thixotropic, buff-colored film can be achieved on any metal surface and will maintain a flexible protective coating that will withstand high ultra violet exposure in highly corrosive environments.

Cor-Ban 27L has been approved by Boeing Commercial Airplane Company as a substitute for current BMS 3-27 materials in some applications where BMS 3-27 is specified on the drawing. For inservice applications please contact appropriate manufacturer's service engineering.

## Application

The bulk packaged material can be applied with spatula or brush at reasonable ambient temperatures. Pre-heating the product to 100 - 120°F will aid it's spreading properties. The cartridge fits into a standard pneumatic or ratchet sealant gun that is common in the industry. It can be applied at room temperature or at elevated temperature depending on the desired type of coverage. Removal of the coating is achieved by wiping off all excess material and flushing part with Zip-Chem D-5600NS citrus based cleaner, D-5640NS or mineral spirits.

## Physical Properties

Color: Amber/Tan  
Flash Point: >200°F  
Non Volatiles minimum: 90%  
Bleed @ 160°F: <1%  
Flow Point: No flow @ 160°F:  
pass  
Low Temp Adhesion: <1/32" @ -65°F: pass  
Drying Resistance: 7 days @ 160°F: pass  
Removability: pass  
Corrosion Resistance: ASTM B-117 >4000 hours  
Recommended Dry Film Thickness: 2 mils Density: 7.41 lbs/gal  
Dip Application: 100-120°F  
Shelf Life: 2 years from DOS (date of shipment)

## MilSpec

NSN: 8030-01-531-7357 (5 oz tubes), NSN: 8030-01-531-7355 (6 oz cartridge), NSN: 6850-01-469-7645 (quart)  
TO 4S1-108-1  
TO 4W-1-61  
USAF TO 4S-1-182

## Other

DPM 6498  
LGQP5010D, Ty IV Cl B

## Features

Non-Toxic  
Non Drying  
User Safe  
Smooth Application  
Wide Temperatures  
Excellent Corrosion Inhibiting Compound  
Coats Intricate Parts Low Odor

## Specifications

QPL  
BMS 3-38  
DPM 6210  
DPM 6498  
NSN 6850-01-0496-7645  
MEP-QPL-09075  
Embraer E944758D

## Packaging

5 fl. oz. Tube, 6 oz Semco Cartridges, Quarts, Gallons, 5 Gallons.  
Special packaging upon request

## Commercial Specifications

BMS 3-38A,  
Embraer E9447580,  
MEP-QPL-09-075,  
Airbus CML 05-133