

# SILICONE ROOF COATING EXY FLEX

## APPLICATION INFORMATION WHEN COATING METAL ROOFS

For repair and/or recoating of existing metal roofs utilize the following information in conjunction with the latest published datasheet or both EXY FLEX. This roof coating system is comprised of two coats of a chemically cured liquid-applied material that will cure to a silicone rubber membrane.

### CLEANING OF EXISTING ROOF

A high pressure water cleaning is necessary to prepare the existing roof surface for adhesion. Cleaning pressure must be sufficient to clean away built up accumulation of dirt and debris; in addition to clearing away loose corrosion. Allow the surface to dry.

Treat any metal edge corrosion areas with silicone sealant, troweling into place and overlapping sound areas by a minimum of (30 mm).

*Treat screw heads and other penetrations (pipes, fixture poles, etc..) in the same fashion.*



## ROLLER APPLICATION

1. Use a quality (32 mm) nap roller cover (lamb's wool preferred) with phenolic core.
2. Completely saturate the roller and keep it loaded with the coating to build the required mils.
3. Roll the coating in a consistent pattern to achieve uniform mil thickness. Stroke variations may result in uneven color and texture. For uniformity of color and texture, application techniques must be consistent throughout the project. Inconsistent application techniques could produce texture or color variations.



Apply the EXY FLEX 3500 in a thickness corresponding to the desired length of warranty, with verification by checking with a wet film thickness gauge.

The final system dry film thickness must be  $>0.535\text{mm}$  (DFT) for the warranty (10 yrs) to apply.



## JOB SITE ADHESION TESTING

Adhesion testing can take place utilizing strips of fiberglass insect screen embedded into the EXY FLEX. This type of testing must be completed prior to application of either base or topcoat.



| Reference document:

| FIELD ADHESION Test Procedure EXY FLEX

## JOB SITE PRECAUTIONS

Light rain will not have any damaging effect to a recently applied coating, however heavier rains could damage recently (less than 8 hours) applied coating. It is suggested to cease coating if heavy rain or adverse weather conditions are impending or predicted.

**Note:** *This coating may become slippery when wet; take care to recognize this characteristic. If desired, sand can be cast into the freshly applied coating (prior to skin formation of coating) to create a more slip resistant surface. Sand embedded into the coating will obviously alter the final appearance, so a visual mock-up should be created to identify final conditions.*

