



## Thermoplastic Single Ply and Multi-Ply Roofing Systems

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# **FLEX TPO PLUS WEATHERED MEMBRANE CLEANER TECHNICAL DATA SHEET**

### **GENERAL:**

Flex TPO Plus Weathered Membrane Cleaner is used to clean in-service Flex TPO Plus membrane that has been exposed to the weather and Flex TPO Plus membrane prior to the welding process. This cleaner helps to loosen and remove dirt and other contaminants from the surface of the membranes and leaves a suitable surface for welding.

### **TYPICAL PROPERTIES AND CHARACTERISTICS: \***

Color:	Clear
Flash Point:	55°F (13°C)
Solubility in Water:	Negligible
Boiling Point:	246°F (119°C)
Packaging:	5-gallon (18.9L) closed top pail or 1 gallon can

### **CAUTIONS AND WARNINGS:**

- 1. WARNING! HARMFUL IF SWALLOWED. FLAMMABLE LIQUID. MAY BE IRRITATING TO SKIN AND EYES.**
2. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Use of solvent resistant gloves and safety glasses recommended. Keep away from heat, sparks, motors and open flame. **DO NOT SMOKE WHILE USING.** Keep lid closed when not in use. Keep out of reach of children.
3. If swallowed, **DO NOT INDUCE VOMITING.** Call physician immediately. In case of eye contact, flush with water for at least 15 minutes. In case of skin contact, wash with soap and water. If irritation develops, call physician.
4. In case of fire handle as a solvent or gasoline fire. Use dry chemical, carbon dioxide or foam fire extinguishers. Water fog or spray may be used to smother the fire and cool containers. Do not use a solid stream of water to fight fire because it can scatter and spread the fire.

**COVERAGE RATE:**

Depends on the age of the membrane and the amount of dirt and debris on the surface. Assume 400 square feet (121 m<sup>2</sup>) (one surface) per gallon.

**APPLICATION FOR TPO:**

Flex TPO Plus Weathered Membrane Cleaner may be used to remove construction dirt or to prepare aged Flex TPO Plus membrane prior to welding. The aged membrane procedure should be utilized when simply wiping of the membrane with a wipe saturated with the Weathered Membrane Cleaner is not sufficient to produce an effective weld. Typically, the membrane may be welded up to 6 months to a year with the standard cleaning method; however, each project will vary due to differences in exposure to UV and dirt.

**REMOVAL OF CONSTRUCTION DIRT:**

1. Saturate clean natural fiber (cotton) rag with Flex TPO Plus Weathered Membrane Cleaner.
2. Wipe the area to be cleaned with a rag until the membrane is a consistent color with no streaking and allow to dry.
3. Weld the cleaned material together with an appropriate hot air welder.

**WELDING AGED MATERIAL:**

1. Using a Scotch Brite pad and Flex TPO Plus Weathered Membrane Cleaner, scrub the area to be welded. (The cleaner will become white with membrane residue during this step of the procedure.)
2. Clean all residue from the area to be welded with a clean natural fiber (cotton) rag.
3. Weld the cleaned material together with an appropriate hot air welder.