

Viking Weathered Membrane Cleaner and HP Splice Wipes

Viking Roofspect Supplier Codes: STP001 and STP480

Version: V1.0

Introduction:

Weathered Membrane Cleaner is used to clean both new and in-service Enviroclad TPO membrane prior to the welding process. It helps to loosen and remove dirt and other contaminants from the surface of the TPO membrane and leaves a suitable surface for welding. Weathered Membrane Cleaner must be used when preparing TPO membranes for application of primer for Lap Tape and Flashing Tape.

HP Splice Wipes are designed to work with Weathered Membrane Cleaner; they are of a woven cotton-based fibre intended to lift and hold contaminants from the membrane surface allowing for a successful Hot Air Weld. HP Splice Wipes are white in colour to visually aid with the cleaning process by showing the contaminants as they are picked up during the cleaning process.

CAUTION: Do not use Weathered Membrane Cleaner on PVC membranes

CAUTION: Do not use other cloth types, these can break down with Weathered Membrane Cleaner resulting in membrane surface contamination and failure of Hot Air Welds.

Key Features

- Easily removes dirt and other contaminants from Enviroclad TPO Membrane
- Prepares Enviroclad membrane for Lap Primer and Tapes.
- Prepares new, aged or contaminated membrane for welding.

Properties

Property Weathered Membrane Cleaner	Typical Characteristics
Colour	Clear
Consistency	Liquid
Flash Point	18°C
Boiling Point	127°C
Packaging	19 Litre Drum
Shelf Life	N/A
VOC Content	755 grams/litre
Property HP Splice Wipe	Typical Characteristics
Colour	White
Texture	Woven / Mesh
Size	343mm x 610mm
Package Quantity	150 pieces per carton
Weight	2.27kg per carton

Coverage Rate

Weathered Membrane Cleaner coverage rate depends on the age of the membrane and the concentration of dirt/debris on the membrane surface. Assume 10m² (one surface) per litre.

HP Splice wipes will clean approximately 6 lineal meters of lap weld (both surfaces) before being replaced with a new wipe. Total area may be different based off contamination levels.

Application

Weathered Membrane Cleaner must be used to prepare new Enviroclad TPO; remove surface contamination or construction dirt; or to prepare aged Enviroclad TPO prior to welding. HP Splice Wipes are used to scrub the mating surfaces in a circular motion to allow the Weathered Membrane Cleaner to work.

New Enviroclad TPO

1. Saturate a clean HP Splice Wipe with weathered Membrane Cleaner.
2. Wipe the areas to be cleaned until the membrane is a consistent colour with no streaking and allow to dry.
3. Weld the cleaned material together with appropriate hot air welder temperature, speed and roller pressure.

Welding Aged Enviroclad TPO

1. Using a scouring pad and Weathered Membrane Cleaner, scrub the area to be welded. (The cleaner will become coloured with the membrane residue during this step of the procedure.)
2. Clean all residue from the area to be welded with an HP splice wipe and allow to dry.
3. Weld the cleaned material together with appropriate Hot Air Welder temperature, speed and roller pressure.

Precautions

- Review the applicable Material Safety Data Sheet for complete safety information prior to use.
- **Do not** use other cloth types, these can break down with Weathered Membrane Cleaner resulting in membrane surface contamination and failure of Hot Air Welds.
- Weathered Membrane Cleaner is **EXTREMELY FLAMMABLE**. This product contains materials that are fire and explosion hazards when exposed to heat, flame or sparks. Store and use away from all sources of heat, flame or sparks. Do not smoke while applying. Do not use in a confined or unventilated area. Vapours are heavier than air and may travel along ground to a distant ignition source and flash back.
- During application, efforts must be made to prevent fumes from entering the building via air ventilation ducts. Do not place open containers or mix adhesive near fresh-air intake units. When possible, shut down or seal off the closest units.
- Avoid breathing vapours. Keep container closed when not in use. Use with adequate ventilation. If inhaled, remove to fresh air. If not breathing, perform artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.
- Avoid contact with eyes. Safety glasses or goggles are recommended. If splashed in eyes, immediately flush eyes with plenty of water for at least 15 minutes. Contact a physician immediately.
- Avoid contact with skin. Wash hands thoroughly after handling. In case of contact with skin, thoroughly wash affected area with soap and water.
- Note: Permeation-resistant gloves are recommended to be worn when using this product to protect hands
- **KEEP OUT OF THE REACH OF CHILDREN.**

Storage

Store in original, unopened containers in a cool, dry area with temperatures between +5°C and +25°C. Protect unopened containers from heat and direct sunlight.

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