

PROOFEX ORG

APPLICATION METHODOLOGY

INSTRUCTIONS FOR USE

Application

The membrane layers are overlapped to achieve a minimum weld of 50mm. Hot air welding can be either hand applied or by means of automatic machines. For additional details on installation and a list of Fosroc approved applicators refer to your local Fosroc office.

Surface Preparation Existing Substrate surface will be made clean, dry, smooth and free of contaminants such as grease, coal tar and oil based products remove without traces. All sharp edges, fins and rough surfaces that could damage the membrane will be removed.

Loose laid TPO Membrane Application

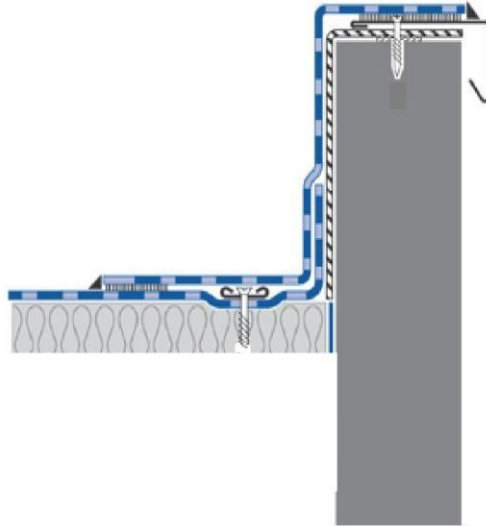
1. Lay full layer of separation Geotextile membrane (non woven polypropylene min 240 gr/Sqm) over the blinding layer / Screed Concrete as loose laid with 100 mm overlaps this is to protect the Fosroc Proofex ORG from friction and abrasion stresses .
2. Lay the TPO membrane of the Fosroc Proofex ORG and make sure that 50 mm overlap is achieved.
3. Prepare the welding equipment till reaching the required temperature around 400 degree C.
4. Start doing spot welding in the 1st 30mm of the overlap area (From inside) on each 300 to 500 mm along the membrane using the welding equipment
5. After completing the spot welding then pre- welding the joints will start using the welding equipment
6. Start the welding with the welding equipment with rubber roller along the membranes overlaps
7. Make sure to extend the ends of the horizontal membranes for minimum 300 mm on the vertical surfaces to be welded later with vertical membranes
8. In case of changing the directions of the membrane where T-case is expected then all joints under the over lapped locations should be welded and melted again using the metal rollers along with welding equipment.

Termination Bar Detail.

1. The TPO membrane will be secured with a Proofex Metal strip on parapet wall used in conjunction with Fosroc sealant Nitoseal PU/Thioflex 600 between the membrane and Proofex Metal Strip. The termination bar / Proofex Metal strip must be installed directly into the wall width and mechanically fixed at c/c using appropriate fasteners. A bead of Sealant is applied along the top edge of the termination bar

PHOTOS





Approval and variations

This method statement is offered by Fosroc as a “standard proposal” for the application of **Proofex ORG**. It remains the responsibility of the Engineer to determine the correct method for any given application. Where alternative methods are to be used, these must be submitted to Fosroc for approval, in writing, prior to commencement of any work. Fosroc will not accept responsibility or liability for variations to the above method statement under any other condition