

Connection of new membrane to dirty / polluted membrane

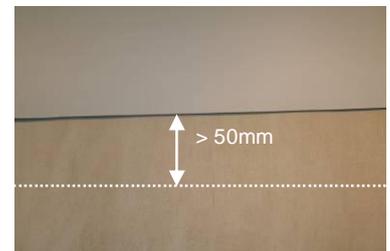
Preliminary note:

Over 15 years experience and millions m² of projects installed in more than 30 countries, from freezing Siberia to hot Saudi Arabia, have clearly demonstrated that TPO/FPA Sintofol membranes are easy to weld and do not require any prior treatment to perform. Even after a long service period, the membranes maintain their intrinsic weld ability.

But any membrane may be contaminated during installation; also, outdoor exposure implies a deposit of dirt and/or pollution on the membrane, which prevents from welding operations being effected without prior cleaning. Rubberfuse therefore developed a standard procedure to properly handle repairs or connection of new to dirty/polluted membrane. The procedure is described in the Rubberfuse Applicators Notebook.

In some specific circumstances however, the membrane is dirty or polluted to a point that a peculiar cleaning method is necessary. Here are the details of that method.

- 1. The cleaned zone is to be larger than the welded area by min. 50mm in any direction.**



- 2. Eliminate dust, dirt and/or pollution tracks**
 - **Remove the excess dirt with a stiff brush.**



- **Scrub the area* to be treated with Fuseprep Plus cleaner, using a plastic scrubber pad.**



**Note: for large or very dirty areas, use an electric drill fitted with a scrubber pad. Operate at low speed.*



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3. Wipe dry with a paper tissue. If the tissue gets dirty after wiping, clean again with Fuseprep Plus, using a new paper tissue. Repeat the operation until the paper tissue remains clean.



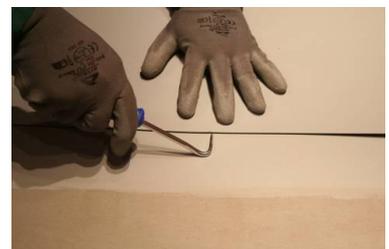
4. Wait for the Fuseprep to flash off completely.
To speed up the procedure and make sure that the existing membrane is totally dry, heat up the area with a hand held welding tool.



5. Weld the new (top) membrane to the dry and clean existing (bottom) membrane as per the usual procedure.



6. Probe the seam.



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