Introduction

All Promat FENDOLITE® MII or Promat FENDOLITE® TG / steel terminations are required to be sealed with an appropriate mastic sealant. Promat recommend the use of a suitable grade polysulphide sealant for this purpose. Usually within 24-48 hours of completion of the application a U-shaped groove of approximately 10mm width and depth is cut in Promat FENDOLITE® MII or Promat FENDOLITE® TG to receive the sealant.

Application in case of no topcoat

If no topcoat will be applied to the Promat FENDOLITE® MII, it is recommended to apply a suitable primer in the groove to ensure the correct adhesion and avoid creep back. If a primer is used, typical applications instructions are:

1. Ensure that surfaces are clean, dry and free from loose particles, dust or other contaminants.
2. Stir the primer well, do not shake.
3. Do not decant more primer than can be used in an hour.
4. Apply the primer by brush without over brushing.
5. Allow the primer to dry for at least 30 minutes.
6. The sealant must be applied within 6 hours of primer application.

More detailed information is supplied by the manufacturer of the primer.

With some sealant materials it is possible to omit the primer, provided that the sealant is properly pressed into the Promat FENDOLITE® MII surface in the groove. Please note that in the latter case, the skill of the applicator is crucial.

Application in combination with a topcoat

If a topcoat is to be applied to the Promat FENDOLITE® MII, the preferred solution is to apply the topcoat first, including in the groove, and to apply the mastic sealant after drying of the topcoat. However with some good quality sealant materials it is also possible to apply these first, properly pressing them in, and then apply the topcoat over it. Please note that in the latter case, the skill of the applicator is crucial.

Inspection and maintenance

Proper sealing of joints is important to avoid water ingress and corrosion of the steel substrate. As the joint seals can be subject to different kinds of weathering as well as repeated forced movements, it is required to frequently inspect the seals and where necessary execute repair works.

The frequency, extent and method of inspecting the seals will vary with the geographic location. Harsh climatic conditions will require that inspections are done on a more regular basis. Inspection intervals of maximum 1 year (annually) are typical, but must always be considered on a case-by-case basis. Particular attention should be paid to the specific effects of local work activities and the level of environmental exposure.

The information given in this Application Procedure is based on practical experience, independent and other tests and represents, in Promat's opinion, the best technical advice available. Since the products are applied under circumstances beyond our control, Promat can accept no direct or consequential liability, whether in contract or in tort, for the interpretation of such recommendations and reserves the right to modify the recommendations as necessary. Should it be unclear as to the meaning of any of the instructions given above, or if further information is required, please consult Promat.