Introduction

The following procedure details a method which helps to achieve the correct Promat FENDOLITE® MII thickness on steel structures, in particular at flange tips, corners and curved surfaces. The method uses Promat FENDOLITE® MII spacers and timber laths.

Spacers

The spacers are made by application of Promat FENDOLITE® MII or Promat FENDOLITE® TG in a mould and shall be sufficiently cured. The thickness of the spacers is equal to the nominal Promat FENDOLITE® MII thickness for the given situation. Indicatively, the spacer diameter should be equal to the thickness as the diameter of the spacer shall be sufficient for the spacer to be stable in its position, but not larger than necessary.

Spray application using spacers and timber laths

The spacers can be placed between the steel surface and a timber lath, for the lath to be positioned correctly. The timber lath can be further held in place in different ways, e.g. tied by steel wires and steel pins, provided that this temporary fixing method does not interfere with the spray application of Promat FENDOLITE® MII. The spacers shall be sufficiently locked in their position not to move during the spraying of the first layer of Promat FENDOLITE® MII. The spacers shall be thoroughly wet when applying the Promat FENDOLITE® MII so that they do not dry out the surrounding wet mix.

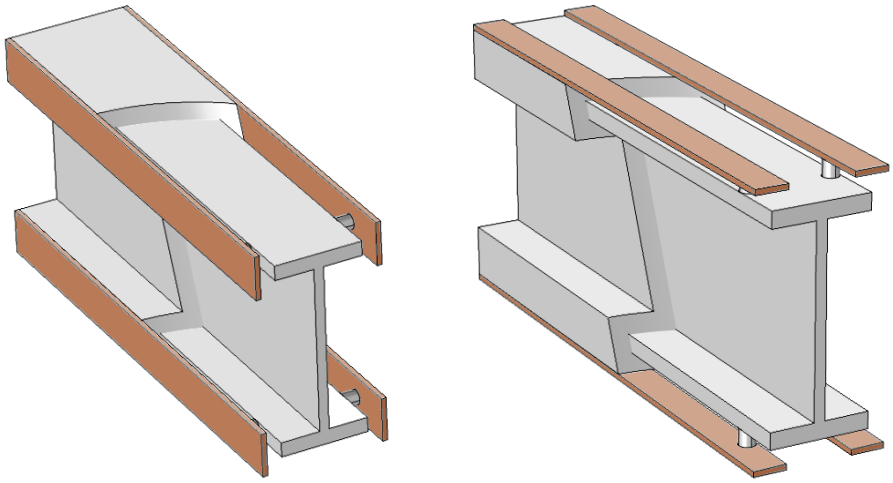


Figure 1: typical positioning of spacers and timber laths (mesh and other details omitted for clarity).

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