Introduction

Where Promat FENDOLITE® MII or Promat FENDOLITE® TG have been applied to single steel sections and/or pre-assembled units, application to site connections will be necessary.

Particular attention should be given to the condition of the substrate since surface contamination may have occurred. A further coat of PROMAT® PSK101 may be required if more than two months has elapsed since the original application of PROMAT® PSK101.

Procedure

1. Inspect background – clean / degrease as required. If there is any doubt about the condition of the background, apply a further coat of PROMAT® PSK101.
2. Install reinforcing mesh, attaching to previously installed reinforcement and to any pins previously fixed. Add additional pins as required. Ensure a two mesh apertures overlap is maintained at all joins. Pull mesh away from substrate to ensure its correct position in the join.
3. Thoroughly soak the existing Promat FENDOLITE® MII with clean water at the joint location.
4. Either apply Promat FENDOLITE® MII by spray or Promat FENDOLITE® TG by trowel to the specified thickness in the minimum number of coats, ensuring that intermediate surfaces to Promat FENDOLITE® TG are well scratched to ensure satisfactory bonding. Trowel finish, level with existing Promat FENDOLITE® MII (or Promat FENDOLITE® TG).
5. When the joint has set, cut a maximum 10mm x 10mm ‘U’ shaped groove for mastic seal if required.
6. When the joint has cured / dried, shown a characteristic colour change, and has had the moisture content checked using a Protimeter Timbermaster moisture meter, apply a Promat approved vapour permeable topcoat system. Refer to Energy Industries Data Sheet EIDS 030 for details.
7. After application of topcoat system, install a polysulphide or silicone based mastic seal at fireproofing / steel terminations

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