Introduction

In addition to the spray application of Promat FENDOLITE® MII, trowelled application can be done by hand. For trowelled application, use Promat FENDOLITE® TG.

Mixing procedure

The product Promat FENDOLITE® TG is a factory controlled premix which only requires the addition of potable water on site to produce a mix of suitable consistency. Promat FENDOLITE® TG requires 13 – 17 litres of water per 20kg bag.

- Ensure that mixing water is of a potable quality.
- Add water first, then steadily add Promat FENDOLITE® TG.
- Mixing time is 3 minutes to ensure correct properties of the mix. It is important not to add more water than is required to obtain an easily trowellable mix.
- The length of time the material will remain workable will depend on ambient conditions. However, as a guide and based on an ambient temperature of 20ºC and a relative humidity of 50% typically the material remains workable for up to one hour.
- Additional water must not be added to regain workability. Unworkable material must be rejected. Any partially set material left in the equipment must be cleaned out before further batches are mixed.
- If the mixing equipment is to be left for an extended period of time then it should be thoroughly cleaned with water and left ready for further use.
- After mixing, if mixing and water quantities are correct, the wet bulk density shall be between 900 and 1200 kg/m³ (56 – 75 lbs/ft³).

Application procedure

- Check that the substrate to be treated is in a satisfactory condition.
- Check that the mesh reinforcement is securely fastened and in the correct position.
- Apply the Promat FENDOLITE® TG using typical plasterer's tools. When applying Promat FENDOLITE® TG on EML a first coat of 12 – 15 mm proud of the lath will provide a good levelling layer for subsequent coats to build to final thickness.
- When applying Promat FENDOLITE® TG to the profile of a section ensure that the first coat substantially covers the mesh reinforcement.
- Ensure that the intermediate coats are left with a rough texture or well scratched to ensure adequate bonding of subsequent coat(s) and that the reinforcing mesh is in the correct position.

- Ideally, subsequent coats if required should be applied within 48 hours of initial set of preceding coat. If the surface has become dry it must be well dampened with clean water before applying further coats, but must not exhibit a water sheen.
- Avoid the use of thin finish coats. Ensure that no single coat is less than 8 mm thick to avoid cracking of the surface.

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.