Introduction

The following procedure details the recommended method for measuring the applied Promat FENDOLITE® MII thickness on new steelwork.

Equipment

Thickness checks should be carried out using a fireproofing thickness gauge as shown in the picture.

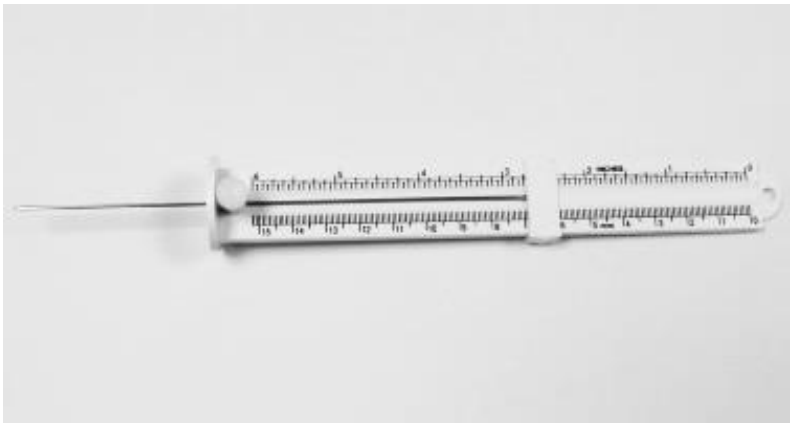


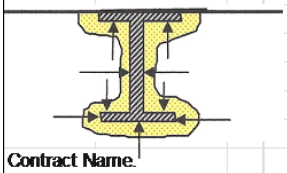
Figure: thickness gauge

Method

At least one thickness measurement should be carried out every 3 metres on each coated surface of the flanges and the web – see the example thickness report form. For solid filled applications no web thickness measurements are required. An average of the measures thicknesses should be calculated to confirm the applied thickness. Ideally the thicknesses should be carried out whilst the Promat FENDOLITE® MII is still soft, however the thicknesses can equally be carried out once the Promat FENDOLITE® MII has cured.
All measured thicknesses must be recorded and logged on a form similar to the example form shown below.
The specified thicknesses are a minimum requirement; however, minor thickness variations may occur. The recommended average thickness tolerance that should be achieved on site is -0 to +3mm unless the contract or client's own specification dictates otherwise.

Promat

Thickness check report



Contract Name:

Location:

Operator:

Supervisor:

			Individual mesurements - mm									Average Thickness - mm
Date	Test Location		1	2	3	4	5	6	7	8	9	

Figure: example of a thickness check report

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.