

NTN 026

SC900 Series Mesh Installation for Hollow Sections

Nullifire
Smart Protection

Statement

Hollow section loadings for SC900 series are available with mesh or scrim included. All square and rectangular hollow sections require mesh installation. Circular hollow sections up to 60 minute fire duration do not require mesh installation. Above 60 minutes' fire duration, loadings are available with and without mesh. The loadings differ in terms of DFT as well as scope of massive of HP/A that is covered.

It is the applicators responsibility to ensure that the correct specification configuration is used.

The mesh used is a glass plasterboard joint tape of minimum 50mm width an opening size of 5 x 5mm.

The installation of the mesh should be carried out in accordance with the following steps.

1. Onto correctly prepared substrate, apply approximately half of the required wet film thickness.
2. Using approximately 50mm wide plasterboard joint tape/ scrim, lay strips of tape around the corners as indicated in Figure 1. The tape should extend to at least half the width of the substrate from the corner, in both directions.
3. Tape should be applied on diagonally opposite corners, alternating along the height of the substrate at approximately 300mm centres.
4. Installation of the tape into wet or tacky coating is always recommended as adhesion may be compromised if the coating is cured.
5. Once the tape is installed, the thickness of the coating may be increased to meet the wet film thickness. It is acceptable to allow the first layer to cure before continuing.
6. The same process is repeated for circular hollow sections substituting the corners for 0°, 90°, 180° and 270° around the circumference.

Technical Service

Nullifire has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Technical Services on 01942 251400.