

NTN 045

FS702 Intumastic Seal Preparation

Nullifire
Smart Protection

Background

FS702 Intumastic is required to be applied in suitable conditions, and to substrates that have been correctly prepared and if necessary protected for such conditions. Mastics and any primers used should be checked for suitability to substrate and conditions with the product manufacturer, and then check with us for compatibility to our fire stopping products. We cannot advise on the suitability of a primer in the relation to conditions and/or substrate.

Intumastic application conditions

- Can be used in C1 and C2 environments only

Intumastic & Suitable Protective Coating

- Can be used in C1, C2 and C3 environments

Application Methods - Block-work

- Remove all dust and foreign objects from opening, brush or spray opening with clean non-contaminated water. Apply FS702 Intumastic to correct depth according to requirements, ensuring full fill. Smooth out FS702 Intumastic using finger pressure or a damp paint brush.

Application Methods - Timber

- Remove all dust and foreign objects from opening. Apply FS702 Intumastic to correct depth according to requirements, ensuring full fill. Smooth out FS702 Intumastic using finger pressure of a damp paint brush.

Application Methods - Plasterboard

- Remove all dust and foreign objects from opening. Seal un-papered edges using FS702 Intumastic Brush Grade. Apply FS702 Intumastic to correct depth according to requirement, ensuring full fill. Smooth out FS702 Intumastic using finger pressure or a damp paint brush.

Application Methods - Steel

- Remove all dust and foreign objects from opening. Ensure steel has adequate corrosive protection applied. Apply FS702 Intumastic to correct depth according to requirement, ensuring full fill. Smooth out FS702 Intumastic using finger or a damp paint brush.

Application Methods - Rock Mineral Fibre

- Lightly wet all areas before application commences. Apply FS702 Intumastic to surface using gun, pour or spray methods, smoothing as required ensuring correct depth or application is maintained.

Application Methods - Combustible Substrates

- Ensure suitability of FS702 Intumastic to substrate. Note a closer device is always required around a combustible pipe.

Application Methods - Copper

- A barrier tape should be applied to oxidization at point of seal only is required for finished appearance.

Application Methods - Stainless Steel

- A barrier tape should be applied to prevent any possible corrosion at point of seal

Application Methods - Galvanised Steel

- No additional requirements

Application Methods - Cast Iron

- Ensure cast iron has adequate corrosive protection applied.

Additional Guidance

FS702 Intumastic cracking may occur if any of the above pre application requirements are omitted, or if the depth of fill has not been maintained correctly. Building movement and the thermal expansion of services may also lead to surface cracking.

Cracking typically does not continue through the entire seal and poses little risk. Cracks that do pass through the entire seal or are greater than 3mm should be repaired immediately, using a fill or replace methodology.

Movement capability : +/- 15% maximum, consult technical department for further details.

FS702 Intumastic is inert once cured.

Technical Service

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