

Guidance Note

Specification Guidance Intumescent Coatings

Nullifire
Smart Protection

Purpose

This document aims to provide an over of specification guidance for the Nullifire Intumescent Coatings Range. For further clarification on products and usage, please contact a member of the technical services team.

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 020 3917 1776.

Exposure Scenario	Intumescent Specification			Non Intumescent Specification	
	Water Based	Solvent Based	Hybrid	Functional	Aesthetic
C1	75 microns Carboguard 633 SC800 Series XX DFT 50 microns Carbothane 156SG	75 microns Carboguard 633 SC600 Series XX DFT 50 microns Carbothane 156SG	75 microns Carbomastic 18FC SC900 Series XX DFT 50 microns Carbothane 156SG	75 microns Carboguard 633 or 100 microns PM020	75 microns Carboguard 633 50 microns Carbothane 156SG
C2 Internal	75 microns Carboguard 633 SC800 Series XX DFT 50 microns Carbothane 156SG	75 microns Carboguard 633 SC600 Series XX DFT 50 microns Carbothane 156SG	75 microns Carbomastic 18FC SC900 Series XX DFT 50 microns Carbothane 156SG	125 microns Carboguard 633	100 microns Carboguard 633 50 microns Carbothane 156SG
C2 External	75 microns Carboguard 633 SC800 Series XX DFT 50 microns Carbothane 156SG	75 microns Carboguard 633 SC600 Series XX DFT 50 microns Carbothane 156SG	75 microns Carbomastic 18FC SC900 Series XX DFT 50 microns Carbothane 156SG	125 microns Carboguard 633	100 microns Carboguard 633 50 microns Carbothane 156SG
C3 Internal	75 microns Carboguard 633 SC800 Series XX DFT 2 x 75 microns Carbothane 156SG*	75 microns Carboguard 633 SC600 Series XX DFT 2 x 75 microns Carbothane 156SG*	75 microns Carbomastic 18FC SC900 Series XX DFT 2 x 75 microns Carbothane 156SG	225 microns Carboguard 633	200 microns Carboguard 633 50 microns Carbothane 156SG
C3 External	75 microns Carboguard 633 SC800 Series XX DFT 2 x 75 microns Carbothane 156SG*	75 microns Carboguard 633 SC600 Series XX DFT 2 x 75 microns Carbothane 156SG*	75 microns Carbomastic 18FC SC900 Series XX DFT 2 x 75 microns Carbothane 156SG	250 microns Carboguard 633	225 microns Carboguard 633 50 microns Carbothane 156SG
C4 Internal	Not Suitable	75 microns Carboguard 633 SC600 Series XX DFT 2 x 75 microns Carbothane 156SG*	75 microns Carbomastic 18FC SC900 Series XX DFT 2 x 75 microns Carbothane 156SG*	250 microns Carboguard 633	225 microns Carboguard 633 50 microns Carbothane 156SG
C4 External	Not Suitable	75 microns Carboguard 633 SC600 Series XX DFT 2 x 75 microns Carbothane 156SG*	75 microns Carbomastic 18FC SC900 Series XX DFT 2 x 75 microns Carbothane 156SG*	275 microns Carboguard 633	250 microns Carboguard 633 50 microns Carbothane 156SG
C5	Not Suitable	Not Suitable	60 microns Carbozinc 858 150 microns Carbomastic 18FC SC900 Series XX DFT 2 x 75 microns Carbothane 156SG*	60 microns Carbozinc 858 265 microns Carboguard 633	60 microns Carbozinc 858 240 microns Carboguard 633 50 microns Carbothane 156SG

- Primer recommendation from “Non-Intumescent Specification” can be used under intumescent for enhanced corrosion protection.
- Primers in the “Intumescent Specification” may be substituted for any from the approved primer list maintaining the DFT above.
- Topcoats in the Intumescent Specification may be substituted for any from the approved topcoat list maintaining the DFT and number of coats. Only where * is marked is this limited to any acrylic urethane topcoat from the same list.