



coatmaster™



SPECIFICATION GUIDE

pyroplast-C

A waterborne intumescent coating for the fire protection of electrical cables.



Waterborne easily applied coating.

Suitable for single or multiple cables with or without cable trays.

Flexible coating to allow for cable movement.

Tested in accordance with IEC 331-1.

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pyroplast is a trademark of Rutgers Organics GmbH.

MILLENNIUM
PRODUCTS





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DESCRIPTION

pyroplast-C is a waterborne intumescent coating for the fire protection of electrical cables. When exposed to heat or fire **pyroplast-C** expands to form a microporous intumescent foam layer with low thermal conductivity which protects the cable. In tests in accordance with IEC 331-1, **pyroplast-C** was found to increase the fire survival of the tested cables from 3.7 to 19.7 minutes.

SPECIFICATION

Pack size: 25kg.
Colour: White.
Application method: Brush or spray
Drying time: 2-4 hours to touch dry.
24-48 hours to through dry.
Density: 1.26g/cm³.
Flash point: Not flammable.

Apply **pyroplast-C** onto suitably prepared cables/cable trays to meet fire protection requirements in accordance with IEC 331-1.

APPLICATION RATES

Apply at 1000g/m²

SITE CONDITIONS

pyroplast-C is suitable for internal, weather tight environments only. The product must only be applied in temperatures above 10°C. Low temperatures will cause prolonged drying times and may lead to surface defects.

SURFACE PREPARATION

pyroplast-C is suitable for application to internal plastic sheathed cables. It is not suitable for application to unsheathed cables. The cables to be coated must be dry and free from contamination such as grease. Any existing coatings must be completely removed by a method appropriate to the coating concerned.

METHOD OF APPLICATION

pyroplast-C may be applied by brush or airless spray.

DRYING

The normal touch dry time for **pyroplast-C** is 2-4 hours depending on the conditions. The normal through drying time for **pyroplast-C** is 24-48 hours depending on the conditions.

OTHER COATMASTER PRODUCTS

pyroplast-steel D: for upgrading structural steel for up to 90 minutes.
pyroplast-HW white: for upgrading timber to Class 1/0.
pyroplast-HW clear: for upgrading timber to Class 1/0.

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