

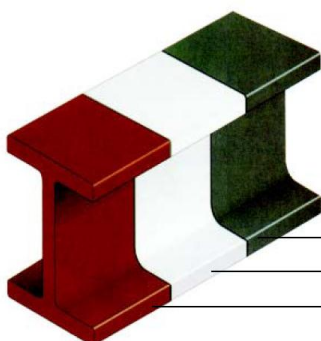


FIRE LOST COMBAT!

FIRE PROTECTION STEEL STRUCTURES

Beam strength of steel structures reduces importantly above 500 C°, buildings of unprotected bearing steel structures could collapse completely or partly in case of fire, which endangers human lives and material values.

SAVE YOUR VALUES BY *POLYLACK A 604* STEEL STRUCTURE FIRE PROTECTION PAINT MANUFACTURED BY DUNAMENTI FIRE PROTECTION Co.!



System

Corrosion resistant primer
Fire protection paint Polylack-A 604
Finisher coating

TECHNICAL DATA SHEET

Trade name	Polylack A 604 intumescent, solvent based, fireproof paint for indoor and outdoor use
Physical-chemical features	Mat, white coloured, suspension, well smoothable, ageing-proof, non-toxic, one-component paint.
Fire resistance class	R30, R45, R60, R90
Viscosity	Thixotrop
Solid content m/m%	76 ±2
Density	1,34 ±5% g/cm ³
Thinner	Aromatic solvent
Storage	12 months (in original, closed hobbock)
Storage temperature	+5 - +30 °C
Flashpoint	+30 °C
Drying	Dustfree after 3 hours Touch proof after 24 hours Fully dried out after 10 days
Packaging	In 30 kg metallic hobbock
Safety precautions	Solvent-flammable (smoking, use of open flames prohibited) Avoid inhalation of it's steams, swallowing, skin contact. Suitable ventilation in closed areas necessary.
First aid	After eye-contact rinse with plenty of water After skin-contact wash thoroughly with soapy water After swallowing consult a physician

APPLYING TECHNOLOGY

Surface preparation	The surface must be dry, clean and free from all surface contamination Against corrosion alkyd based primer can be used Hot-dip galvanized steel must be protected two component epoxy-based primer		
Fireproof painting (over 5 mm wall thickness of steel profiles)	Painting with brush, roller or Airless spraying equipment	Necessary thickness of layers	
	Spreading rate	wet	dry
R30 in 1 or 2 layers	1,0 kg/m ²	730 µm	570 µm
R45 in 2 or 3 layers	1,7 kg/m ²	1250 µm	970 µm
R60 in 3 or 4 layers	3,4 kg/m ²	2500 µm	1950 µm
	at 20 °C object temperature and 65 % relative humidity at least one day for each fire protection coat		
Controlling, documentation	Thickness of primer and thickness of fire protection coating		

VALID APPROVALS, CERTIFICATIONS

	č. U-012/09/AO 204		5001A/03/0029/1/C/C01
	ÉME A-19/2001		AR 016-03/301-2009
	NP-00794/A/2010/ZL		UA1.016.0177024-08
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