

Dexblock Cable Sealant

Dexblock is a Fit for Purpose Sealant, which facilitates Operator compliance and provides an effective Air / Block in Dry Cables.



Part Number	Description
Packaging	Dexblock packaged as a 240ml coaxial two- part cartridge single barrel, which fits a standard mastic applicator gun.
Application	Dexblock is dispensed through an 18 element-mixing nozzle, which is screwed on to the cartridge and expelled by the Mastic Applicator Gun.
Uses	Dexblock chief use is to form an Air / Water Block on Dry E Side Cable, which sets quicker than current epoxy resins or polyurethane sealants.
Chemical Composition	Two part polyurethane sealant containing polyol and isocyanate as a 1:1 Ratio.
Colour	Red
Gel Time	45 minutes – 90 minutes depending on outside temperature and volume dispensed.
Shelf Life	2 Years
Handling	No direct contact with the operator, no premixing or manual-handling product.
Safety	Reduced risk of contact with skin or inhalation due to its packaging format and mode of application and dispensing.
Max Cure	Under 90° C up to a volume of 2,000mls at 25° C within the Cable. Reduced maximum cure temperature with smaller volumes of sealant. Ref. Chart.
Penetration	Typical penetration of 18 inches to 2 feet in 100 pair cable to 12 inches in 2400 pair cable.
Operating Temperature	-20° C to + 60° C
Humidity	Low impact of Atmospheric Humidity on efficacy of resultant cure of the sealant.
Hardness	Once cured Dexblock forms a Hard / Robust material suitable for handling during terminating of conductors.
Conductors / Sheath	No damage to conductors in contact with the Sealant. It does not contain plasticizers or other ingredients to react with polyethylene, conductor or cable sheath.
Bond Strength	The Bond Strength to conductors is greater than 2 Kn tensile mode is greater than 7.5 Kn for shear bond.
Cost / Benefits	Greater operator compliance of installation. Saves time in installation no premixing required. Cables can be terminated in the same day. Cartridge can be resealed for another use.

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