



PRODUCT DESCRIPTION

TWO COMPONENT SOLVENT FREE EPOXY COATING

COPON HYCOTE 175HB has been specifically designed as an in-situ applied, high build pipe lining system with exceptional chemical resistance. The high build characteristics allow lining thicknesses up to 5 mm to be achieved in a single application.

SURFACE PREPARATION

A number of cleaning techniques are suitable, depending upon pipe diameter and condition. These include power boring, drag scraping, abrasive pigging wire, rotary wire brushing and high pressure water jetting.

Ferrous Metals: The chosen cleaning method shall leave the surface of the pipe free from loose mill scale and rust or any deteriorated or loosely adherent coatings. The surface should correspond to a minimum standard of St2, BS7079 Part A1:1989.

Concrete: The chosen cleaning method shall leave the surface free from laitence and any deteriorated or loosely adhered coatings.

ENVIRONMENTAL CONDITIONS

As COPON HYCOTE 175HB is heated for application and applied via in-situ lining equipment equipped with heated, umbilical lining hoses, the prevailing ambient temperature does not influence the product application. However, application should not be carried out when substrate temperatures are less than 5°C.

PRODUCT APPLICATION

COPON HYCOTE 175HB is designed for application via in-situ lining rigs. Optimum application characteristics are achieved with a material temperature at the application head of 40-50°C.

The lining rig shall therefore be capable of heating the Base and Activator components and delivering them in correctly metered proportions, via heated umbilical lining hoses, to a static mixer connected to the application head.

FILM THICKNESS

Linings of 1-5 mm may be applied in a single pass of the application head. Actual lining thickness will be determined by pipe diameter/service conditions and will be defined in the contract documents.

PHYSICAL CONSTANTS

Mix Ratio (by volume)	3.15:1
Mix Ratio (by weight)	100:30.8
Solids Content (by volume)	100%
V.O.C.	Nil
Cure Time (CCTV Inspection)	16 hours
Cure Time (Return to Service)	Minimum 7 days but may be reduced depending upon intended service conditions. Refer to Copon Technical Centre for guidance with respect to specific service environments.

HEALTH & SAFETY

1. Adequate ventilation must be provided during use.
2. Undue contact with the skin should be avoided.

NOTE: Full Health & Safety Data is available from E.Wood Ltd.

PACKAGING

12 litre Base and Activator units.



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