



No-Dig Technologies

Durapox[®] 201 Latent Epoxy TDS

Durapox 201 is a 2-part epoxy designed to give the user 60 days of open time at ambient temperature (21°C / 70°F). Refrigeration will extend pot life for months at a time but is not necessary, unlike conventional CIPP resins.

It is a VOC-free resin that cures at the same rate as regular styrenated resins, all while getting a way longer pot-life, minimising risks and losses. It can be used in all CIPP sizes and most conventional CIPP materials (Felt, Fiberglass, etc.).

Durapox[®] 201 Physical Properties

Part A Appearance: Purple liquid
Part B Appearance: White powder
Mix appearance: Lavender Liquid
Viscosity @25°C (Mix) : 9,500-11,500 cP
Specific Gravity @25°C (Mix) : 1,22

Mechanical Properties of Resin

Flexural Strength:
95 MPa (13,700 psi)
Flexural Modulus:
4200 MPa (609,000 psi)
Tensile Strength:
44 MPa (6381 psi)
Tensile Elongation at Break: 1,2%

Mechanical Properties of CIPP (felt)

Flexural Strength:
50 MPa (7,200 psi)
Flexural Modulus:
3000 MPa (435,000 psi)
Tensile Strength:
21 MPa (3046 psi)
Tensile Elongation at Break: 0,65%

Durapox[®] 201 Mixing

Pour Part B into Part A and mix with a mixing blade for approximately 30 minutes. All powder should be incorporated for the mix to be considered complete. Mix ratio is 2A for 1B (weight).

Proper respiratory protection (P100, N95 fitted mask) shall be used as well as other PPE (protective eyewear, gloves, coveralls) when working with unmixed powdered Part B.

Durapox[®] 201 Cure times

Like most FORMADRAIN[®] products, the resin shall be cured with saturated steam.

Pot life once mixed: 60 days @ 25°C (77°F)
1h @ 80°C (175°F) or above
2h @ 70°C (160°F)

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