



UR-60T TROWELABLE REPAIR SYSTEM

NORMAC UR-60T is a trowelable, flexible, fast curing elastomer designed to get material processors back-up and running quickly with lasting repairs for many application types. Packaged for easy on ratio mixing using our dual cartridge dispensing system or hand mixing can kits, this material is used to coat and repair many substrates where tough abrasion resistance and strong bonds are required.



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The directions for the use of our products are based upon tests believed to be reliable but no warranty is given. Since conditions for the use of this product are beyond the sellers control, all risks are assumed by the user. Please contact your local agent or call Normac Adhesive Products Inc. for further assistance.

APPLICATION AREAS:

- Conveyor belts and flights • Conveyor clip joint protection
- Pulley lagging • Rubber linings/sheeting • Marine fenders
- Pump casings and impellers • Pipes, fluid handling equipment
- Expansion joints • Gasket seals • OTR tire sidewall

TECHNICAL DATA:

Prepolymer: PPG low free Polyether

Hardness Shore A: 60+/-5

Ratio by weight: 100A:40B

Solids: 100%

VOC's: Zero

Mix ratio volume: 2A:1B

Mix ratio weight: 100A:47B

Colour: Black, others available

Shelf Life: 2 years unopened

Storage: 23°C (73°F) dry, away from sunlight

Tensile strength ASTM D412: 5.15 MPa (745 psi)

Elongation ASTM D412: 726%

Tear Strength ASTM D624 Die C: 35.55 kN/m (203 psi)

Taber Abrasion 1kg, 1000cy, H18 ASTM D4060-19: 41 mg loss

Operating Temperatures: -56°C (-70°F) to 93°C (200°F)

Theoretical Coverage: 34 sqm @ 25 micron/kg (166 sqft/lb @ .001")

Mix density: 1.033g/cm³ (.037lb/Cl)

Transportation: DGR

APPLICATION DATA (23°C / 73°F):

Method: Spatula, or stiff brush

Pot Life: < 15 minutes

Overcoat: < 30 minutes

Buff Repair: 4 hours

Light duty service: 24 hours

Ultimate Cure: 5 days

APPLICATION CONDITIONS:

During colder temperatures Pt A resin may become solid and or present a waxy appearance. Before using, slowly warm materials back to room temperature to a liquid state. Substrates must be dry and free from contaminants with temperatures 3°C (5°F) above the dew point with RH less than 85% while protecting from direct sunlight. Ambient temperatures between 7°C to 45°C (45°F to 113°F) are best. It is possible to use at lower temperatures when dewpoint and humidity levels are safe, but expect cure times to lengthen.

SURFACE PREPARATION:

Grit-blast using standard SSPC-SPI0 near white including minimum 50 micron (0.002") angular depth profile for maximum adhesion or mechanically roughen using standard SSPC-SPII to achieve desired adhesion strength. Primers must always be used.

Primers: NP-8400: Rubber NP-9500: Metal

NP-100: Concrete NA-900 series: Rubber

AVAILABLE KIT PACKAGING:

Cartridge 300 x 150 ml (486 g) uses a hand dispensing gun.

Cartridge 600 x 300 ml (985 g) uses a pneumatic dispensing gun.

Each cartridge is packaged including one mixing nozzle, sealed in a plastic bag.

SAFETY:

See the NORMAC UR-60T product SDS. Strict adherence to regional safety regulations must be practiced.