



UR-45T TROWELABLE REPAIR SYSTEM

NORMAC UR-45T is a 2 part 100% solids trowelable paste, fast curing elastomer for applications requiring high elongation stretch with maximum durability. 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 soft rubber components while offering sound deadening, scratch, and non marking protection.



Normac Adhesive Products Inc.

1350 Heine Court, Burlington ON
Canada L7L 6M4
Tel. 1.905.332.6455
info@normacadhesives.com

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:

- Discharge and Dredge hose • Conveyor belts and flights
- Conveyor clip joint protection • Marine fenders • Pulley lagging
- Rubber linings/sheeting Pipes, • fluid handling equipment
- Expansion joints • Gasket seals

TECHNICAL DATA:

Prepolymer: PPG low free Polyether

Hardness Shore A: 45+/-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: 2.77 MPa (402 psi)

Elongation ASTM D412: 651%

Tear Strength ASTM D624 Die C: 22.07 kN/m (126 lb-in)

Taber Abrasion 1kg, 1000cy, CS-17 ASTM D4060-19: 0.6 g 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: 1.050 g/cm³ (.038lb/Cl)

Transportation: DGR

APPLICATION DATA (23°C / 73°F):

Method: Spatula or stiff brush

Overcoat: < 1 hour

Pot Life: < 20 minutes

Buff Repair: 12 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 (477 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-45T product SDS. Strict adherence to regional safety regulations must be practiced.