



## UR-80T

### TROWELABLE REPAIR SYSTEM

NORMAC **UR-80T** 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 such as rubber, metal, polyurethane, and PVC. .



#### 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:

- Rubber linings/sheeting • Conveyor belts and flights
- Conveyor clip joint protection • Pumps and impellers • Marine fenders
- Pipes, fluid handling equipment • Chutes, screens, wear plates
- Storage hoppers • Shock absorbers • Guide bearing • Deburring machine

#### TECHNICAL DATA:

**Prepolymer:** PPG low free Polyether

**Hardness Shore A:** 80+/-5

**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:** 12.48 MPa (1811 psi)

**Elongation ASTM D412:** 527%

**Tear Strength ASTM D624 Die C:** 54.29 kN/m (310 psi)

**Taber Abrasion 1kg, 1000cy, H18 ASTM D4060-19:** 45 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:** 1.042 g/cm<sup>3</sup> (.038 lb/Cl)

**Transportation:** DGR

#### APPLICATION DATA (23°C / 73°F):

**Method:** Spatula, or stiff brush

**Pot Life:** < 10 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-SPI1 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-80T product SDS. Strict adherence to regional safety regulations must be practiced.