

# UA35-TR Pure Polyurea Coating with High Hardness Level

## DESCRIPTION

UA35-TR adalah produk 2 komponen berbasis polyurea murni. Terdiri dari senyawa amina dan resin tertentu, membuat produk ini memiliki fleksibilitas, kekerasan, ketahanan serta kemampuan waterproofing dan pelindung yang sangat baik.

## PROPERTIES

### TYPICAL PROPERTIES

| Part | Viscosity cPs, 25°C | SG, 25°C     |
|------|---------------------|--------------|
| A    | 700 – 1000          | 1.116 ± 0.02 |
| B    | 400 – 800           | 1.016 ± 0.02 |

### PHYSICAL PROPERTIES

| Item                      | Specification | Data |
|---------------------------|---------------|------|
| Hardness<br>(Shore D)     | 60 ± 5        | 65   |
| Tensile Strength<br>(MPa) | 30 ± 5        | 32   |
| Tear Strength<br>(MPa)    | 90 ± 20       | 100  |
| Elongation<br>(%)         | 300 ± 50      | 320  |

### Curing Time

|                  |                   |
|------------------|-------------------|
| Setting time     | <15 seconds       |
| Full-Service Use | > 72 hours (20°C) |

## PACKAGING

Component A : 210 Kg

Component B : 200 Kg

## USAGE

Area of application includes:

- Water containment areas (sewage and contaminated)
- Ground Water Tank, Water Treatment Plant, Wastewater Treatment Plant
- Primary & Secondary containment tanks; steel or concrete substrate
- Protection & waterproofing of infrastructures; roof waterproofing (steel or concrete substrate)
- Suitable for Marine and shore environment
- Swimming pool, waterpark, waterplay structure