

POLYURETHANE



ADVANTAGES

- High mechanical strength and wear resistance
- Good formability
- Weather resistance
- High water repellence

APPLICATIONS

- Metal tiles, seam roofing, and drainage systems
- Facade wall panels, corrugated decks, and sandwich panels
- Noise absorbing barriers
- Transport infrastructure and pedestrian crossings

WARRANTY OBLIGATIONS*

- 10–25 years for decorative properties
- 22–35 years for penetrating corrosion

| Product | Coating thickness, μm | Minimum forming temperature, $^{\circ}\text{C}$ | UV resistance | Corrosion resistance as per EN 10169 | Wear resistance | Contamination resistance | Chemical resistance, in % of PE |
|--------------|----------------------------------|---|---------------|--------------------------------------|------------------|--------------------------|---------------------------------|
| Polyurethane | 50 | -10 | > RUV 4 | RC5 | Excellent | Good | 300/200 |
| Polyurethane | 35 | -10 | > RUV 4 | RC4 | Excellent/Medium | Good | 300/200 |

* In temperate climates