



PRIME



POLYURETHANE COATED SURFACE PATTERNED STEEL

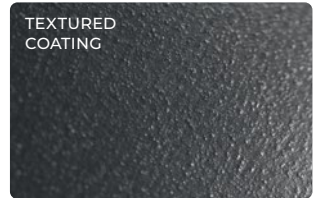
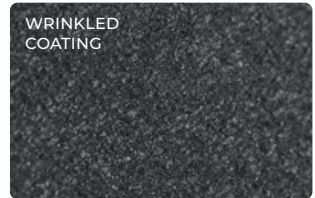


NLMK offers a **family of polyurethane (PU) coatings** featuring advanced mechanical strength, aesthetic properties, and formability compared to a standard polyester coatings.

Product features:

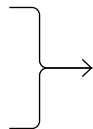
| | |
|-----------------|-----------------------------|
| Surface pattern | Wrinkled/textured |
| Thickness | 35 µm / 50 µm |
| 35 µm | One-side / two-side coating |
| 50 µm | One-side coating* |

* Alternative options can be mastered upon request



COATING BENEFITS

- High corrosion resistance
- High UV-resistance
- High wear resistance
- High chemical resistance



EXTENDED SERVICE LIFE

Bending test: 0.5-1T

3 times

less versus standard PE

Impact resistance: >10 J

80%

better versus standard PE

Abrasive wear

40%

better versus standard PE

UV-resistance: RUV 4

1.5-2 times

better versus standard PE (RUV 2-3)

Corrosion resistance

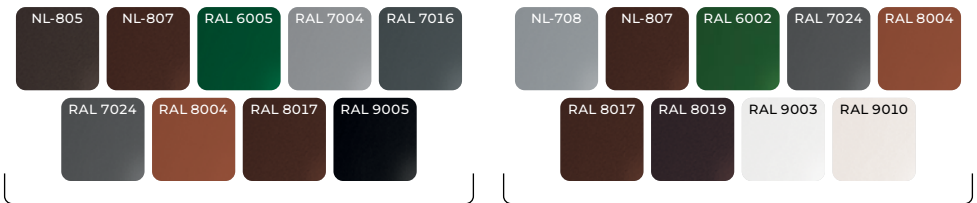
1.5 times

better versus standard PE

KEY COATING PROPERTIES

| | | | | |
|---|----------------------------------|-----------|-----------------------------------|----------|
| Standard size (T×W) | 0.45–2.00 × 900–1,600 mm | | | |
| Coating thickness | 35 µm | | 50 µm | |
| Zinc coating class | 200, Z200 | 275, Z275 | 275, Z275 | |
| Coating structure | primer 9–12 µm + enamel 25–30 µm | | primer 18–22 µm + enamel 28–32 µm | |
| Surface pattern | wrinkled | textured | wrinkled | textured |
| Gloss, points | max. 10 | 25–40 | max. 10 | 25–40 |
| Warranty on decorative properties | 18 years | 18 years | 25 years | 25 years |
| Warranty against through corrosion | 30 years | 35 years | 45 years | 45 years |

COLOR PALETTE*



Wrinkled

Textured

* New colors can be mastered upon request

APPLICATIONS



- Seam roofing, metal tile, facades, drainage systems
- Sandwich panels

- Enclosing structures
- Agricultural facilities (textured polyurethane)

CONTACT DETAILS

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