

# PROGUARD 169 (37)

Coat for Every Industry!

**PRODUCT DESCRIPTION:**

PROGUARD 169 (37) is a 2-component highly-crosslinked polyurethane coating with maximum performance and durability characteristics. Surface gloss is extremely UV-resistant and stable over years. Slight self-cleaning properties due to non-porous surface characteristics. Allows quick turnaround due to rapid film hardening. Excellent abrasion resistance and color stability.

**APPLICATION DATA:**

Application methods: All spray methods. Brush + roll repair only.

Mixing Ratio by weight: 3,6 : 1 - A (base) to be thoroughly with 1 part B (hardener)

Pot life (20°C): 8 hours (reduced at higher temperatures)

Thinner: Proguard-169 Thinners

Filters: Check to ensure that filters are clean

Number of Coats: 1 coat.

**TECHNICAL INFORMATION:**

Colour: RAL, BS, NCS, Munsell colours.

Volume Solids: 58%

Flash Point: >25°C

VOC: 131 g / litre

Color stability: Excellent

Abrasion resistance: Excellent

Adhesion: Excellent

QUVA-Test: > 3.000 hours (ASTM G53)

Specific Gravity (Mix): 1,25

Application range:

Film thickness per coat		Theoretical consumption kg/m <sup>2</sup>
Dry	Wet	
50 µm	90 µm	0,110

**SURFACE PREPARATION:**

Grit blasting to minimum Sa 2,5 (ISO 8501-1). Surface to have a good profile with a roughness of 30-50µm.

**CONDITION DURING APPLICATION:**

The temperature of the substrate should be minimum 15°C and minimum 3°C above the dew point of the air. Relative humidity should be below 95%. Temperature and relative humidity should be in the vicinity of the substrate.

**DRYING TIME:**

Substrate temperature	Dust-dry	Tack free	Cured	Recoat	
				Minimum	Maximum
20 °C	1 h	6 h	18 h	18 h	-

**STORAGE AND PACKING:**

Preferred storage conditions are to keep the containers in a dry and cool area below <35°C provided with adequate ventilation. The containers should be sealed tightly.

Packing: 11,5 kg-kits including hardener  
Shelf life: See labels for shelf life details.

**QUALITY ASSURANCE AND INSPECTION:**

To ensure a continuous quality of the products, quality assurance and inspection plan of the material manufacturer has to be considered. For the porosity test is just a sponge-tester permitted. The test voltage has to be 90 V. Recommendations for qualified test control units are available at the manufacturer.

**HEALTH AND SAFETY:**

Observe the precautionary notices on the container label, and read the Material Safety Data Sheet before use. The products intended for use by properly qualified professional applicators in industrial conditions. The product is flammable and should be kept away from sparks, open flames, and other sources of ignition. Smoking prohibited in the application area. Wear suitable respiratory equipment and apply in well ventilated areas. Avoid contact with the skin and eyes.

**Disclaimer:**

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we can not guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.