

# TECHNICAL LEAFLET

SUNSTAR CHEMICAL (THAILAND) CO., LTD.

## Paint Primer for One Part Urethane Sealant PENGUIN PRIMER # 435-98

**Penguin Primer # 435-98** is a paint (pinch weld) primer for one-part urethane sealing compound with Isocyanate compounds as the main component.

### a). Characteristics

1. Good initial bonding and durability on painted panels
2. Fast cure at room temperature
3. Sufficient open time (working time)

### b). Applications

1. Apply to the glass with soft brush
2. At least 2 minutes drying necessary
3. Apply the primer again if drying time passes over 24 hours
4. Shake well prior to use

### c). Physical Properties

Appearance	: Black Liquid
Viscosity (20°C)	: 11-12 Pa.s
Specific Gravity	: 1.0
Non-Volatile Content (%)	: 22-23 %
Open Time	: 2 min- 24 hrs

Shear strength in combination with #556 sealant

Bonding Strength in shear (kg/cm <sup>2</sup> )	
Initial (RT/ 7 days)	: 42
Heat Aging 90°C/ 14 days	: 48
Water Immersion 40°C/14 days:	43
Sunshine Weather-o-meter (1000hrs):	45

### d). Precautions

1. Keep at cool and dark place. Cool box is recommended for storage
2. Flammable. Keep away from heat, sparks and open flame
3. Moisture sensitive. Close cap tightly for storage and shipping

### e). Packaging

Bottle	150 ml
Pail can	1 litre