

## SYNTPUR-PO-84

### DESCRIPTION

**SYNTPUR-PO-84** is a 2K (Two Components) polyurethane primer, 100% solids and is primarily developed for sealing and priming porous substrates such as wood and concrete to increase the adhesion of Synthesia's polyureas.

### COMPONENTS

- COMPONENT A:**      **Poliol PO-84**  
Mixture of polyols.
- COMPONENT B:**      **Isocianato PO-84**  
Modified diphenylmethane diisocyanate (MDI)

### APPLICATIONS

**SYNTPUR-PO-84** is suitable for use as two-component primer system principally for use on concrete. It is formulated to react 1 to 1 by volume. The extremely low viscosity also allows deep penetration into porous substrates and finds applications in industrial flooring, concrete and wood priming.

### COMPONENTS CHARACTERISTICS

Characteristics	Unit	Poliol PO-84	Isocianato PO-84
Specific gravity 25°C	g/cm <sup>3</sup>	0.97	1.22
Viscosity 25°C	cPs	600	45

### PROPERTIES

1. Great adhesion in porous supports due to the super low viscosity which allows good penetration in porous substrates.
2. Can be applied on humid substrates without foaming.
3. Low consumption due to the low viscosity hence meeting customer demands better.
4. 100% solids thus eliminating the VOC emissions.
5. Excellent mechanical properties.

## SYNTPUR-PO-84

### SUBSTRATE CONDITIONS

The surfaces should be clean and free of oil, grease, rust or any other contaminating substance.

On substrates that have already been exposed to contaminated environments for a certain time, it is recommended to carefully clean the surface with high pressure clean water before overcoating.

### PRODUCT APPLICATION

Homogenise the product before use. Use paintbrush, roller or airless spray gun and ensuring well ventilation is available in closed places.

The obtained yield would depend on the substrate characteristics, the application system and the ambient conditions. The approximate consumption is of 0,200kg/m<sup>2</sup>.

Eliminate the possible humidity condensation on the substrate to be treated before the application of **SYNTPUR-PO-84**.

The masking time it is approximately of 1-3 hours with a potlife between 45 min to 60min. **SYNTPUR-PO-84** has long recoat window of 24 and even 48 hours.

DISOLVENTE2-FA is the suitable cleaning diluent.

### STORAGE RECOMMENDATIONS

Store the product containers perfectly closed and protected against freezing and direct sun light. Under these storage conditions and at temperatures between 5°C-25°C the product has a shelf-life of 6 months.

### SAFETY RECOMMENDATIONS

Properly handled, **SYNTPUR-PO-84** system does not present significant risks. Avoid contact with eyes and skin. The instruction given in the Safety Data Sheet must be followed during the manufacturing and handling of the product.

### SUPPLY

**SYNTPUR-PO-84** is served in 5 kg drums.