

# Z.Pren 584/N e 584/NS

Adhesives for bonding polystyrene foam

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## Description

**Z.Pren 584/N** is a solvent based adhesive suitable for bonding polystyrene foam to itself and to other porous and non porous substrates, suited for brush application.

**Z.Pren 584/NS** is specific for spray application.

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## Uses

For bonding polystyrene foam to itself, metals, plastic laminate, uPVC, wood, painted plates, concrete, plaster.

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## CHARACTERISTICS

<b>Composition</b>	: block copolymers, synthetic resins in a blend of organic solvents
<b>Consistency</b>	: low viscosity liquid
<b>Mode of setting</b>	: solvent release
<b>Colour</b>	: pale yellow
<b>Solvents</b>	: blend of hydrocarbons
<b>Service temperature range</b>	: -20°C/+60°C; the adhesive can be used with the addition of 3% of DESMODUR RE or RF/E to improve heat resistance to the bond
<b>Pot life</b>	: 4 hours with vulcanising agent

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## Technical data

	<u>584/N</u>	<u>584/NS</u>
<b>Solid content</b> %	33 – 50	30 - 40
<b>Viscosity</b> a 25°C (Brookfield gir.3 Vel.50) mPa.s	800-1200	(TF n°4) sec. 35 - 70

Values valid as product supply specification upon leaving the factory

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## Technical data sheet

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### Z.Pren 584/N e 584/NS

#### METHOD OF USE

**Surface preparation:** the surfaces must be dry, clean, free from dust and oily matters.

**Application :**

**584/N :** apply by brush a thin coat of product onto the parts to join.

**584/NS :** apply the adhesive with a spray device (nozzle 1,5-2 mm, pressure 2 bar) onto both the parts to join.

**Drying time and assembly:** allow to dry at least 10-15 minutes so that solvent can evaporate. Solvents present in the adhesives do not swell polystyrene foam. However avoid to bring into contact the substrates immediately after the application of the adhesive especially with non porous materials, since the retaining of high flammable vapours could occur.

Bring the parts in contact by an uniform pressure. The adhesive sets immediately and does not allow adjustments.

Bond strength increases with time reaching its maximum value 48 hours after the assembly.

**Coverage:** 200-250 gr/m<sup>2</sup>

**Packaging:** tin kg 0,850 4 5

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#### STORAGE STABILITY

24 months in the original sealed pack stored in a dry place at a temperature range +5°C+25° C.

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