

## ISOBOND SR 5600 / SD 560x

### Epoxy adhesive

Two component epoxy adhesive for structural bonding.

Fast ambient temperature cure, a slight 40 °C post cure is enough to achieve excellent mechanical properties of the bonding.

The resin is slightly thixotropic so that it is possible to apply the system on vertical surface on thin layers.

The **SR 5600 / SD 560x** system adheres on multiple substrates such as correctly prepared metals, composites, concrete on especially wood.

Easy 1 for 1 volume ratio to handle the system with no balance.

### SR 5600 epoxy resin

		<b>SR 5600</b>
Aspect		Translucent viscous liquid
Viscosity (mPa.s)	20 °C	16 000 ± 3 000
Rheometer	25 °C	8 000 ± 1 500
CP 50 mm	30 °C	3 500 ± 700
Shear rate 10 s <sup>-1</sup>	40 °C	1 200 ± 250
Density	20 °C	1.15 ± 0.01
Pycnometer		
NF EN ISO 2811-1		
Storage		24 months, crystallisation free

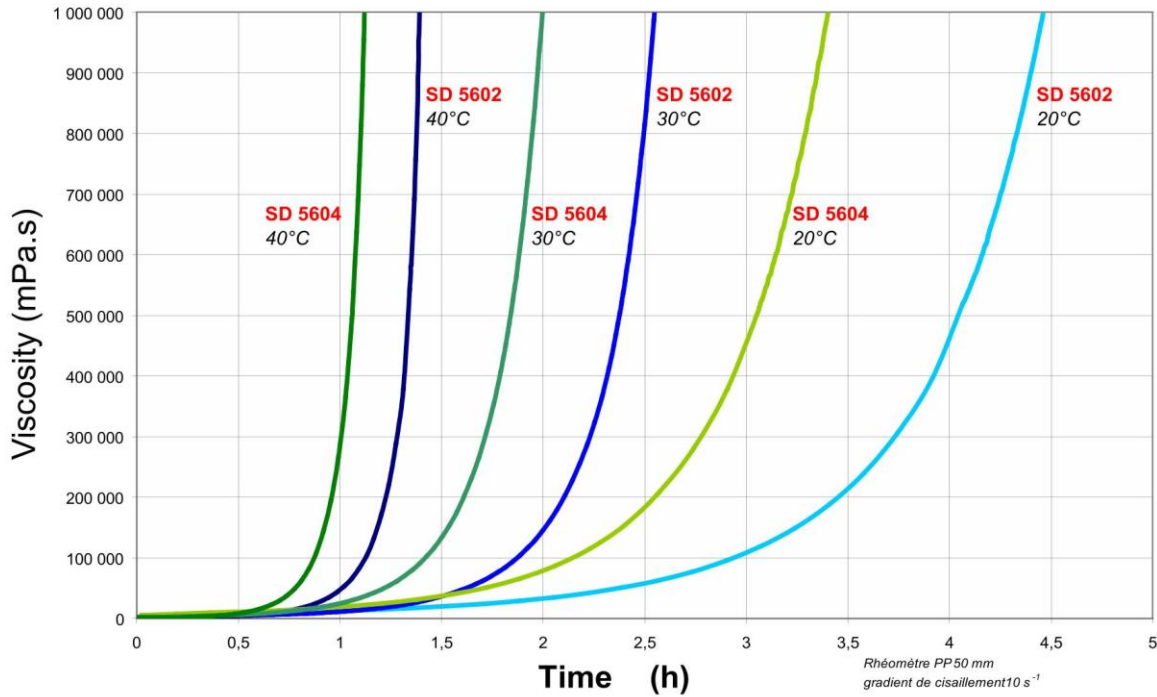
### Hardeners SD 560x

		<b>SD 5604</b>	<b>SD 5602</b>
Aspect		Viscous liquid	Viscous liquid
Colour		Yellow	Yellow
Reactivity		Standard	Slow
Viscosity (mPa.s)			
Rheometer	20 °C	4 500 ± 900	5 000 ± 1 000
CP 50 mm	25 °C	2 800 ± 600	3 000 ± 600
Shear rate 10 s <sup>-1</sup>	30 °C	1 800 ± 400	2 000 ± 400
Density		0.99 ± 0.01	0.99 ± 0.01
Pycnometer			
NF EN ISO 2811-1			

### SR 5600 / SD 560x mix properties

		<b>SR 5600 / SD 5604</b>	<b>SR 5600 / SD 5602</b>
Weight ratio		100 / 85 g	100 / 85 g
Volume ratio		1 / 1	1 / 1
Viscosity (mPa.s)			
Rheometer	20 °C	5 500 ± 1 000	4 500 ± 800
PP 50 mm	30 °C	2 500 ± 500	2 200 ± 400
Shear rate 10 s <sup>-1</sup>	40 °C	1 000 ± 200	1 000 ± 200

Reactivity – Viscosity evolution on a 1 mm film



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