

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

		SR 5600
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 ⁻¹	40 °C	1 200 ± 250
Density	20 °C	1.15 ± 0.01
Pycnometer		
NF EN ISO 2811-1		
Storage		24 months, crystallisation free

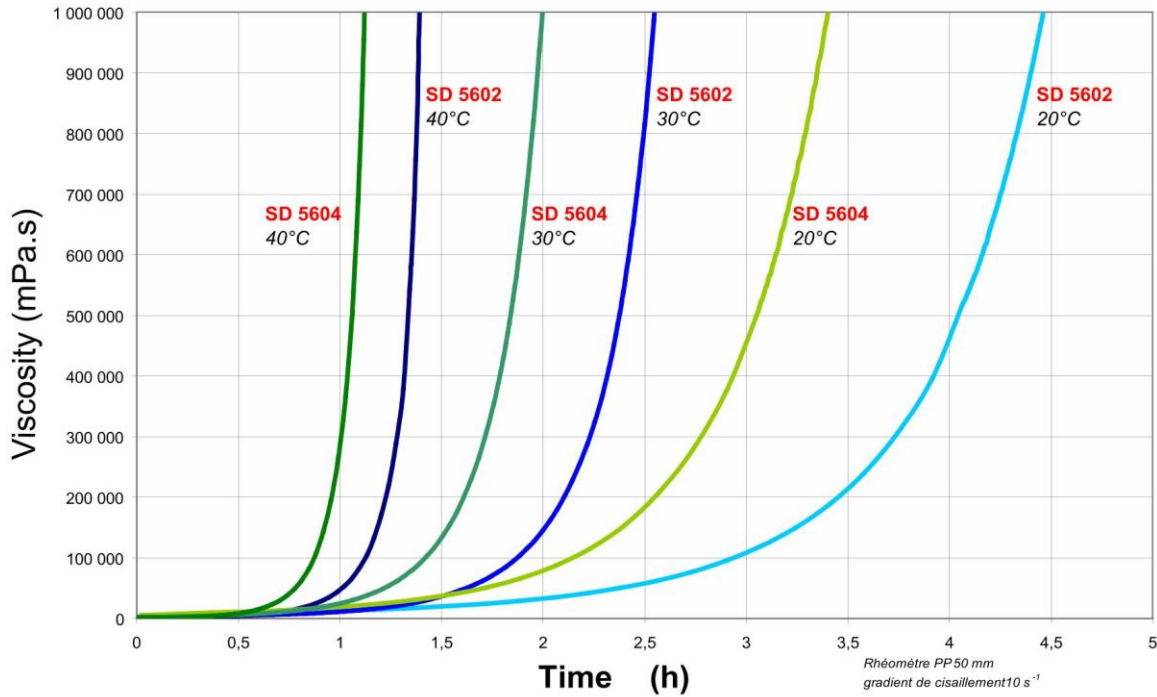
Hardeners SD 560x

		SD 5604	SD 5602
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 ⁻¹	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

		SR 5600 / SD 5604	SR 5600 / SD 5602
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 ⁻¹	40 °C	1 000 ± 200	1 000 ± 200

Reactivity – Viscosity evolution on a 1 mm film



The information given by writing or verbally, in the context of our technical assistance and our trials, do not engage our responsibility. We advice the users of SICOMIN products, to check by some practical trials they are suitable for the envisaged processes and applications. The customer's storage, the use, the implementation and the transformation of the supplied products, are not under our control and your responsibility only will respond for it.

If our responsibility should nevertheless be involved, it would be, for all the damages, limited to the value of the goods supplied by us and implement by the customer. We guaranty the non-reproachable quality of our products, in the general context of sales and delivery.