

SR TopClear 1056 / SD Topclear 1533 Ultra-fast System

Ultra fast system, shiny, translucent, and resistant to UV

High build

Brushable or sprayable

Multiple media

- Wood
- Composites
- Glass, carbon Fabrics etc....
- Paper, cardboard, leather
- Foam (PVC, PU, PS....)
- Metal
- Stone, marble, concrete
- Others – please consult us

Application

- Glass / hot coat
- Varnishing
- Surfacing
- Laminating of small parts (tuning, scenery...)
- Finishing for cosmetic parts
- Carbon " look " (against pins)
- Light binding, non structural bonding
- Surf board repairs , fixing fin box
- Table Top
- Clear gel coat

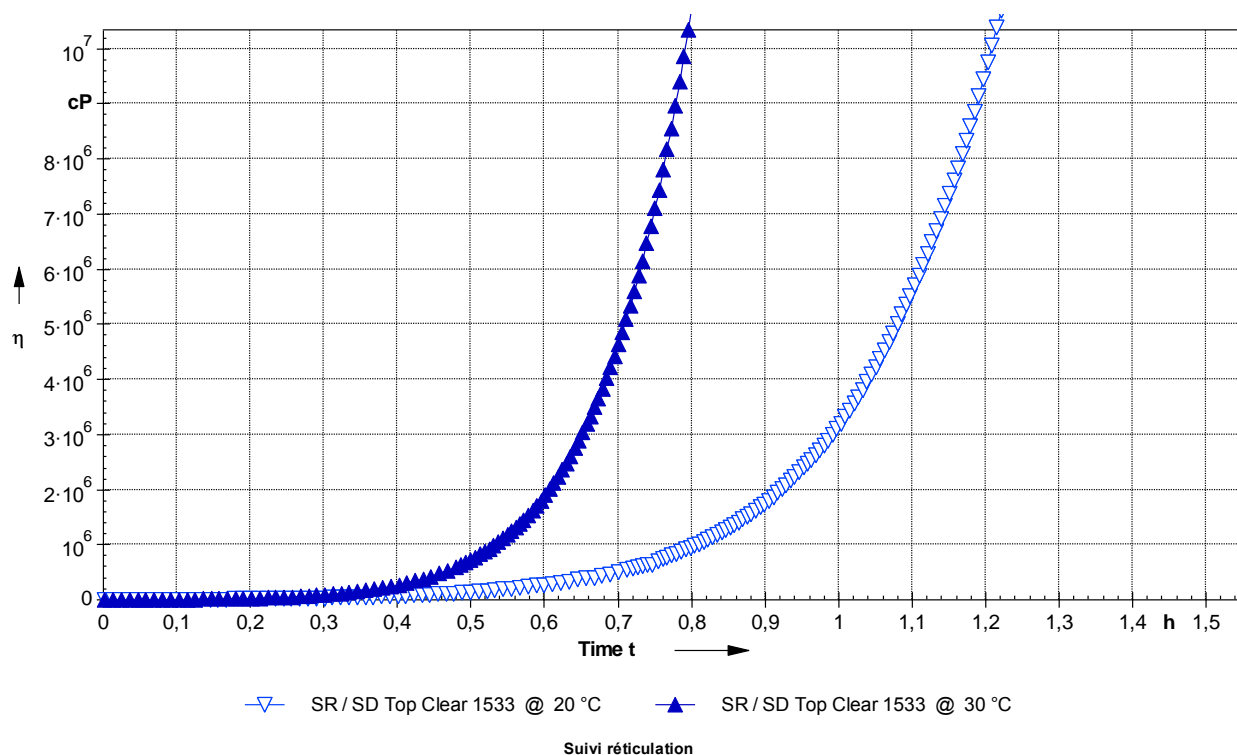
Physical characteristics

	SR TOP CLEAR 1056	SD TOP CLEAR 1533
Nature	Resin	Hardener
Color	Clear Gardner < 2	Clear Gardner < 2
Refractive index @ 25 °C	1.4745	1.5002
Dry extract (%)	100	100
Viscosity (cP.s)		
@ 15 °C	2500 + 500	1500 + 300
@ 20 °C	1500 + 300	1000 + 200
@ 25 °C	900 + 180	700 + 140
@ 30 °C	600 + 120	500 + 100
@ 40 °C	250 + 50	300 + 60

Mix SR Topclear 1056 / SD TopClear 1533

	SR 1056 / SD 1533
Mix ratio by weight	100 / 66
Mix ratio by volume	100 / 62
Initial Viscosity (cP.s) @ 20 °C	1600 + 320
@ 30 °C	1600 + 340
Glass transition by DSC Tg 1P / Tg max °C	
Room temperature 24 hs	62 / 71
Room temperature + 16 hrs @ 40 °C	78 / 75
Room temperature + 16 hrs @ 60 °C	89 / 79

Evolution of the viscosity on 1 mm



Surface Preparation

The surface must be dry and clean, with no dust or substance that could interfere with the adhesion, like for example: oil, grease or surfactant.

In case of lamination or a gelcoat application, please consult us in regards to the release agent treatment

Use and application

Application Temperature: minimum 15 °C

Please shake before use.

Prepare the right quantity needed for the application

Mix well both components together quickly respecting the ratios.

Application time with no diluant: 5mn

For a slower system, please consult us.

Thinning / Solvent :

Thinner: SICOMIN Topclear
Sprayable application: dilute from 5% to 20 % straight after mixing the resin and hardener

Drying time (at 20 °C)

Dust free : 20 min
Dry to the touch: 25 min
Sanding when dry: 2 hrs 30'

Maximum for second coat (at 20 °C)

Minimum : 20 min
Maximum without sanding: 48 hours

Safety precautions

Avoid contact with water and solvents before and after mixing
A small quantity of water can accelerate the polymerization process
A high humidity content can significantly reduce the use time and lower the clearness of the product

Please use protective items like gloves, masks, protective eyewear
Please see Material Safety Data Sheets

Storage

After use, please close back tightly the packaging.
Storage temperature between 5 °C and 25 °C
6 months in its original closed packaging, after that even if the use by date is over, it does not mean that the product cannot be used. Please call us.

Cleaning your work tools

Clean quickly your tools after use with the SICOMIN Topclear thinner
Before polymerization wipe off and eliminate any traces with a solvent
After polymerisation: mechanical cleaning

Chemical resistance

Good resistance to acids and weak bases.
Limited resistance to organical solvents
Others, please consult us