

RESINS for Resin - Wood composites

- Crystal clear
- For residential-commercial-industrial use
- Easy-To-Use
- Minimal shrinkage
- Perfect adhesion to wood
- Long shelf life
- High gloss

	Viwood	Crystalres	Aquares	FastSeal	VacuSeal
Main features	transparent epoxy for casting, potting, and embedding applications	crystal clear , UV stabilized resin for casting, potting, embeddings	crystal clear , UV stabilized resin, for casting, potting, embedding	very fast setting resin, standard colors: amber transparent, black, brown and dark brown	resin for vacuum impregnation – wood stabilization
	standard grade, for pigmented castings	very long pot life mass castings	short pot life , as a coating fast hardening, food contact certified	very short pot life sealing of wood surface prior to casting with Crystalres	single component deep impregnation under vacuum
Viscosity (mixture), mPas:	low	very low	medium	medium (transp.) high (colored)	low
Mixing ratio Parts by weight	100 : 50	100 : 34	100 : 50	transparent 100 : 50 colored 100 : 100	no mixing
Working time / Pot life 20°C: 100 g resin 200 g resin	30 minutes 10 minutes	5 – 6 hours	10-15 minutes 5-7 minutes	8-10 minutes for transparent 10 -12 minutes for black/brown	8 - 12 months
Complete hardening time at 23°C:	24 hours	24-48 hours	24 hours	30 minutes - 2 hours	5 minutes at 90°C
Max. thickness (mm) at 20°C:	20	40	15	10	not limited
Typical applications	pigmented castings wood fillings tables	bigger volumes casts river and waterfall tables	jewelry direct food contact coatings table tops	sealing of wood surfaces before the main pour with other resins, fast filling of knots and cracks	knife handles, wooden pens, wooden gear knobs, arheological objects

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