

Key properties

• Hard, abrasion resistant surfaces • Readily machinable • Cures at room temperature • Layers up to 80mm thick can be cast in a single operation • Cure rate determined by choice of hardener

Applications

• Metalforming tools • Casting of dowel bushes • Full and Face casting • Foundry patterns and copy-milling models • Mould making in general

For data sheets click on product name

Product	Pot Life (1000 ml) (mins)	Layer Thickness (mm)	Demoulding time (h)	Color	Density (g/cm ³)	Hardness Shore D (ISO 868)	Compressive strength (ISO 604) (MPa)	Flexural strength (ISO 178) (MPa)	Deflection temperature (ISO 75) (°C)	Mix Ratio (pbw)	Viscosity (mPas)	Recommended Cure Schedule (°C)	Comment
RenCast® CW 2418-1 / Ren® HY 5118	80	<40	16	Black	2.2	85-90	85-90	80-85	60-65	100:20	15000	7 days @ 25 or 14 hr @ 40	Good abrasion resistant
RenCast® CW 2418-1 / Ren® HY 5160	120	<80	10	Black	2.3	85-90	80-90	80-90	50-55	100:15	4000	7 days @ 25 or 14 hr @ 40	Good abrasion resistant
RenCast® CW 2418-1 HY 5161	60	<20	10	Black	2.3	85-90	80-90	80-85	55-60	100:15	5000	7 days @ 25 or 14 hr @ 40	Good abrasion resistant
RenCast® CW 2418-1 / Ren® HY 5162	30	<10	10	Black	2.3	85-90	80-90	80-85	60-65	100:15	5000	7 days @ 25 or 14 hr @ 40	Good abrasion resistant