

# EC 1919

## 2 Component Fast-Cast System long open time - white

### Main features

- curing to be white
- easy to process
- low shrinkage
- good through-curing with a relatively long pot life

### Applications

- production of negatives/positives
- universally for all kinds of moulds and patterns

### Properties in the non-crosslinked state (approx. values)

		<b>EuroCast 1919 Part A</b>	<b>EuroCast 1919 Part B</b>	<b>Mixture unfilled</b>	<b>Mixture filled</b>
Colour		beige	slightly yellowish	white	white
Mixing ratio	p.b.w.	100	100		300
Density (20 °C)	g/cm <sup>3</sup>	1.0	1.15	1.08	1.6
Viscosity (25 °C)	mPa·s	250	80	160	2,500

### Properties of the mixture (approx. values)

			<b>Mixture unfilled</b>	<b>Mixture filled</b>
Pot life (RT, 100g)	minutes		15	10
Demouldable (at 25°C)				
4 - 5 mm	hours		4	
30 - 40 mm	hours		2	
Hardness	Shore D	DIN 53505	70	80

### Mechanical values of the cured product (approx. values)

Tensile strength	MPa	DIN 53455	21.7	13.8
Tensile elongation	%	DIN 53455	11	1
Flexural strength	MPa	DIN 53452	21	16.5
Bending elongation	%	DIN 53452	10	2
Modulus in flexure	MPa	DIN 53457	358	1340
Impact strength	KJ/m <sup>2</sup>	DIN 51230	*	*
Linear dimensional change	%	500 x 50 x 25 mm	*	*

\*RT = room temperature

\* work in progress

### How to process the material

Before using EuroCast 1919, mix the same thoroughly until it has got a homogeneous appearance.

Mix both components thoroughly with each other at room temperature (>18°C) according to the indicated mixing ratio.

Before casting make sure that parts and moulds are free from humidity and non-evaporated release agent.

We recommend sharing out the quantity of filler between both components.

For Release Agents please speak with Europol's Technical Department.

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### Form of delivery

EuroCast 1919 Part A	on request					
EuroCast 1919 Part B	0.5 kg	1 kg	5 kg	10 kg	30 kg	200 kg

### Storage

We recommend keeping the material in tightly closed original receptacles at temperatures of 20 - 25 °C. When duly stored, the material can be used within the shelf life indicated on the labels (the first 2 digits of the batch number indicate the week, the 3rd digit indicates the year).

### Measure of precaution

With the aid of the current safety data sheets, which contain physical, ecological, toxicological and other data relating to safety, the user can inform himself on the safe handling and storage of the products.

*Our technical service - in words, in writing or by trials - is given according to the current state of our knowledge. It does however not relieve the customer/user from the duty to check by himself if the products supplied by us are suitable for the intended processes and purposes. Application, use and processing of the products take place beyond our control possibilities and lie therefore exclusively in the area of responsibility of the processor. Any existing property rights of third parties are to be considered. We guarantee the perfect quality of our products in accordance with our general terms and conditions of business. When handling our products you have to observe the legal rules and the rules for the industrial hygiene. As for the rest, we refer to the corresponding safety data sheets.*