

PRODUCER OF LAMINATING RESINS - DESIGNED FOR ORTHOPEDICS -



Fast setting times

Excellent skin tolerance

Custom packaging

For conventional and alternative fibers

ACRYLIC

Fast and versatile

- Thermoformable after curing
- Fast final hardness after exothermic peak
- 18-month guarantee

COPACRYL JERSEY

Most versatile resin for the manufacture of parts with any type of reinforcement (glass, nylon, etc.)

COPACRYL CARBON

Highest fluidity grade for the manufacture of parts in carbon, flax, or basalt

COPACRYL SUPPLE

Flexible grade to use pure or with COPACRYL Jersey or Carbon, to make more flexible parts

COPACRYL GLUE

Fast setting time, used to bond and seal

COPACRYL GLUE GEL

Putty-like gel, for anchor bonding or filling.

SIPACRYL

Non-CMR powder hardener for acrylic resins

EPOXY

Technical parts / Weight gain

- Partially bio-sourced
- BPA - free
- Non-flammable

ORTHOPOXY® FAST

Prosthetic fabrication

ORTHOPOXY® SLOW

Orthotic fabrication and production of large parts

ORTHOPOXY® CLEAR

Manufacture of aesthetic parts and bathing prostheses

CATALOGUE



230b Route des Bouveries 26190 Saint-Nazaire-en-Royans France



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ACRYLIC RESINS

FEATURES

	COPACRYL JERSEY	COPACRYL CARBON	COPACRYL SUPPLE	COPACRYL GLUE	COPACRYL GLUE GEL
Resin to Hardener Ratio	100 / 2 to 3				
Exothermic peak time	25 min		35 min	8 min	6 min
Demolding Time	± 35 min		35 to 55 min	12 to 15 min	
Viscosity (mPa.s)	450	250	400	300	Thixotropic
Hardness	± 85 Shore D		65 to 95 Shore A (± 45 Shore D)	± 85 Shore D	

PACKAGING

Resin	0.9 kg	4.9 kg	25 kg
Hardener		0.15 kg	

EPOXY RESINS

FEATURES

	ORTHOPOXY® FAST	ORTHOPOXY® SLOW	ORTHOPOXY® CLEAR
Resin to Hardener Ratio	100 / 40		
Gel time*	30 min	2 h	35 min
Gel time in thin layer	1 h 30	5 h 30	3 h 30
Viscosity (mPa.s)	450		500
Post-cure at 100°C	1 h		
Hardness	± 85 Shore D		

*(measurements made on a 70g mixture at 20°C)

PACKAGING

Resin	1 kg	2.5 kg	5 kg	35 kg
Hardener	0.4 kg	1 kg	2 x 1 kg	3 x 4.7 kg

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