



FURNITURE AND BEDDING

POLYURETHANE SYSTEMS FOR
CLASSIC AND MODERN DESIGN



AROFLOW AF 514 GREEN PLUS



Perfection and style become creative art

Ease of use, ease of implementation, excellent accuracy of the details. AROFLOW combines simplicity of use to high production capacity of very complex shapes.



POZZI INDUSTRIES
MADE IN ITALY



FURNITURE AND BEDDING

POLYURETHANE SYSTEMS FOR HARD AND STRUCTURAL FURNITURE

AROFLOW AF 514 GREEN PLUS

The Italian style technology

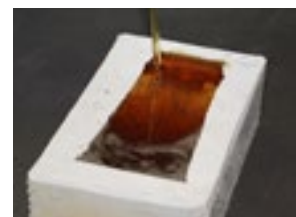
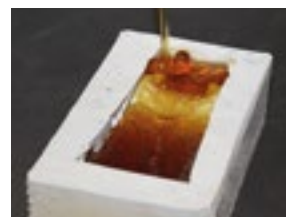
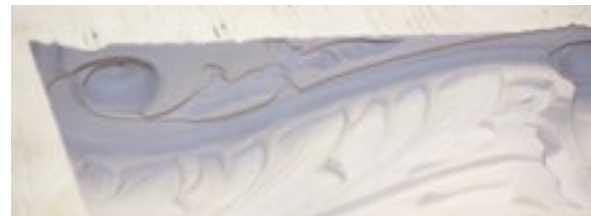
AROFLOW AF 514 GREEN PLUS series is a two-part, compact systems solvent free that is used to cast lightweight rigid objects with density of 1100 gr/lt. Since these products are self-skinning, cast parts will capture full surface detail of the mold used **AROFLOW AF 514 GREEN PLUS** is a consolidated type of carving synthetic materials. It has extraordinary mechanical properties, simple molding process, high production efficiency and excellent appearance. For **AROFLOW AF 514 GREEN PLUS** production can be used molds in silicon rubber for complex shapes items, or epoxy resin molds for more simple shapes. Production **AROFLOW AF 514 GREEN PLUS** is done either manually or using low pressure machines with ceramic pumps when mineral filler is used. Characteristics are as follows:

- Excellent repetition molding property. It not only can mould certain shape size, but also mould lifelike wood texture and other designs, excellent superficial quality.
- Appearance and feel equal to wood, which could be planed, drilled, and carved patterns or design.
- Moulds can be in silicon rubber, epoxy resin or other resin, which are low cost and easy machining.
- Process is simple, fast, high efficiency of qualified.

AROFLOW AF 514 GREEN PLUS systems find numerous uses in furniture business, hobby, craft, prop and display applications.

PLUS

- 100% SOLID CONTENT
- EXCELLENT SURFACE
- HIGH QUALITY OF DETAILS
- HIGH DENSITY: 1100 GR/LT
- DOES NOT ABSORB WATER
- COMPLEX SHAPES AND REDUCED THICKNESS
- CAN BE OVERCOATED
- FAST AND EASY PRODUCTION
- EASY TO MANAGE
- VERY LOW VISCOSITY
- TOUGHT BUT NOT FRAGILE



Specifications and typical properties

Description	Reference standards	Characteristics
Axial withdrawal of screws from the face	EN 320/93	Result of the test on sample with the thickness of mm. 20 average value. 5.525 N
Bending strength	EN ISO 178:2003	Modulus of elasticity 1.708 Mpa Bending strength 61,8 Mpa
Hardness shore test	EN ISO 868/97	74 Shore D
Tensile strength	EN ISO 527/96	Tensile Streingth 1.932 Mpa - Tensile Streingth 35 Mpa Elongation at break 6,4%
Charpy resistance to impact	EN 179-1/2000	Test result 36,3 KJ/m ²
Dynamic mechanical analysis	ASTM D 4065:2006	Beginning of glass transition 50 c°



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Organizzazione con sistema di gestione certificato
UNI EN ISO 9001:2008