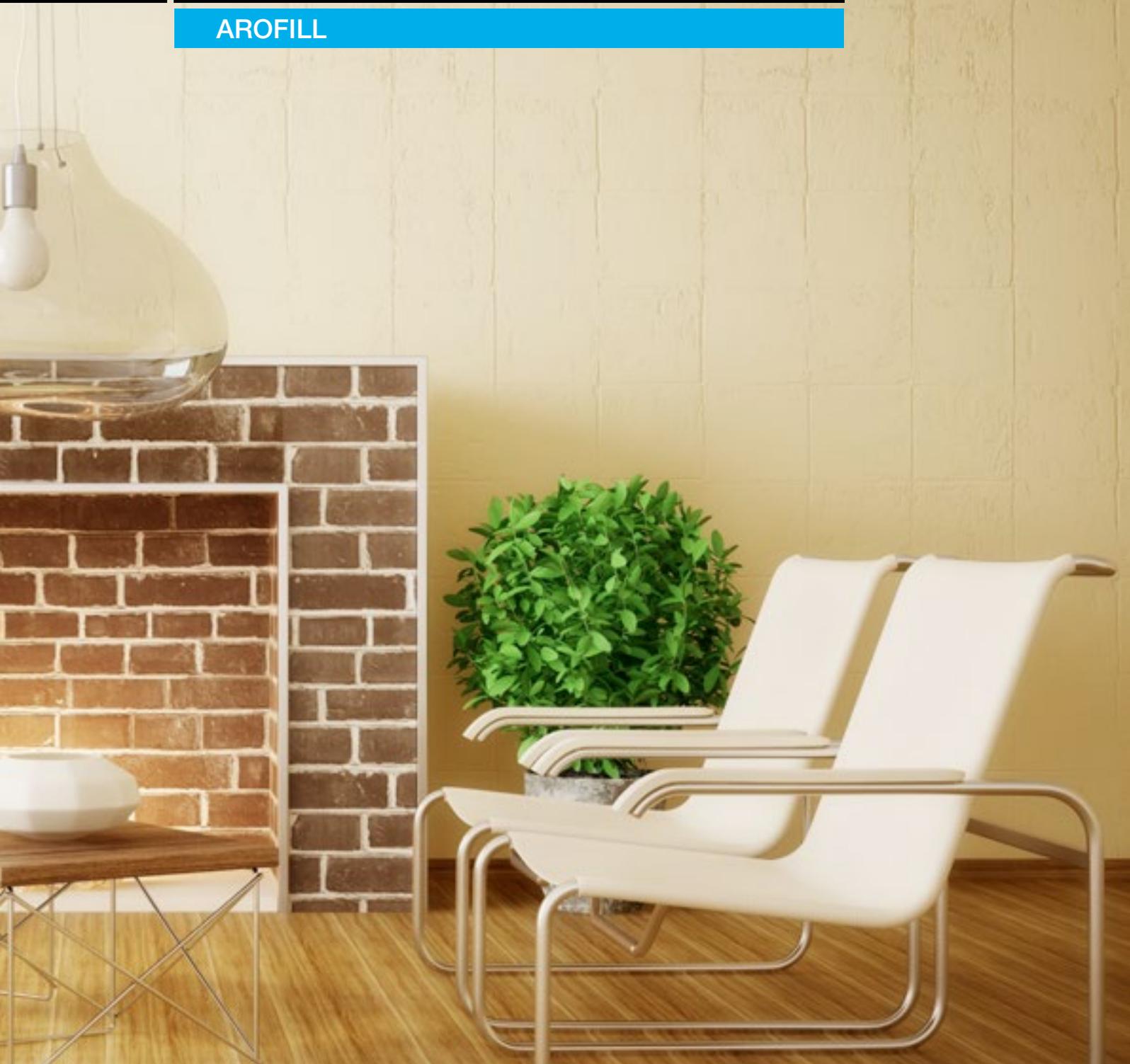




FURNITURE AND BEDDING

POLYURETHANE SYSTEMS FOR
CLASSIC AND MODERN DESIGN

AROFILL



A new integral skin concept: the material for all designers

AROFILL Systems developed for design products made by injection into closed molds.



POZZI INDUSTRIES
MADE IN ITALY



FURNITURE AND BEDDING

POLYURETHANE SYSTEMS FOR INTEGRAL FURNITURE

AROFILL

The Italian style technology

Integral skin polyurethane molded foam has a molded, flexible, tear-resistant outer skin. This skin is formed during the molding process and protects a micro cellular foam core which can have a soft flexible core with a predefined hardness. This type of PU foam molding is ideal for many applications including handles and grab-bars, steering wheels, armrests, headrests, seats, gearshift knobs, toys, decorative trim and furniture components.

Integral skin parts can be colour matched with pigment and mold painting this way your parts will be the same colour throughout.

The mold can also be chemically etched with various patterns, this operation allows you to obtain a texture or graphics on the skin surface giving the appearance for example of a leather cover.

Inserts can be also molded into the **Integral skin** parts.

PLUS

- EXCELLENT SURFACE
- HIGH QUALITY OF DETAILS
- HIGH DENSITY: 1000 GR/LT
- WATERPROOF
- COMPLEX SHAPES AND REDUCED THICKNESS
- CAN BE OVERCOATED
- FAST AND EASY PRODUCTION
- EASY TO MANAGE
- VERY LOW VISCOSITY



Specifications and typical properties

	Units	Value	Test Method
Pol / Iso ratio (pol = 100)	Pwb	100/45	LAB INSIDE
Core density	Kg/m3	250/350	ISO 845
Linear shrinkage	%	2 +- 0.2	ISO 1798
Surface hardness 25° C	SHORE A	40	EN ISO 868:2003
Strength at max elongation	Mpa	1.59 (at 164.3%)	EN ISO 527:1-1997
Elongation at break	%	164.7 (core 156.4)	UNI 7032
Ball rebound	%	43	UNI 6357



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Management System
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