

**Frabo, environmentally
friendly innovation**



FRABOADESIVI



Experience and quality since 1957



FRABO was founded in **1957** and specializes in the production of solvent- and water-based adhesives and glues for applications in various industrial sectors. The company offers a vast range of products that can meet any gluing requirement.

The technicians at the Frabo lab are constantly seeking technologically advanced products and controlling production quality. Moreover, they are always at the customer's disposal, ready to offer specific solutions for any type of application.

The technicians and sales and marketing staff offers full range, highly qualified assistance for the entire product line of Frabo adhesives, methods and application tools, providing all information needed to use them correctly within the various production processes.



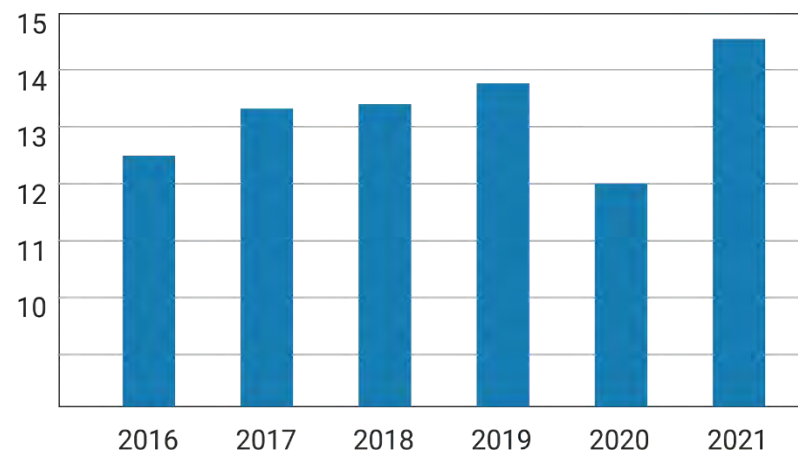
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Frabo Market Turnover



Turnover trend

2021	mil euro 14,5
2020	mil euro 12,0
2019	mil euro 13,8
2018	mil euro 13,4
2017	mil euro 13,3
2016	mil euro 12,6



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Quality - a daily practice

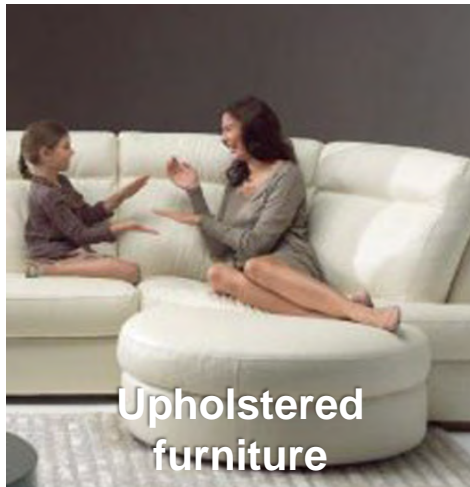


A careful selection of prime quality raw materials, manufacturing methods and accurate controls performed throughout the entire production process guarantee top quality finished products.

The company is UNI EN ISO 9001-2008 (as last amended) certified.

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Products and Markets



Upholstered
furniture



Wood and laminates



Footwear and
leather goods



Boat-building



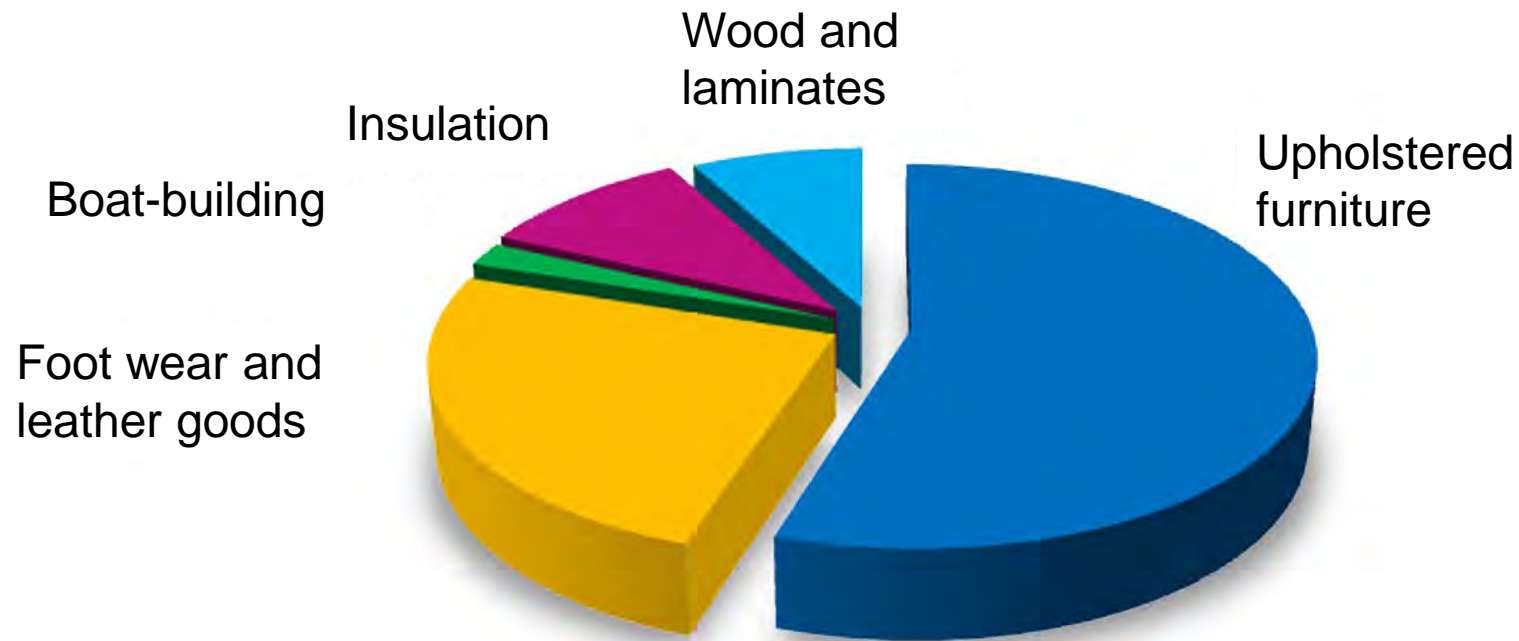
Insulation

Specific adhesives for
each market and for
every application.

For over 50 years, this
has been the
Frabo Adesivi mission.

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Market shares



Upholstered furniture and mattresses	55 %
Footwear and leather goods	25 %
Insulation	10 %
Wood and laminates	8 %
Boat-building	2 %

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Glues and adhesives for the upholstered furniture industry

Users

Living-room furniture manufacturers
Mattress manufacturers
Polyurethane foam processors
Office chair manufacturers
Car interior manufacturers

Applications

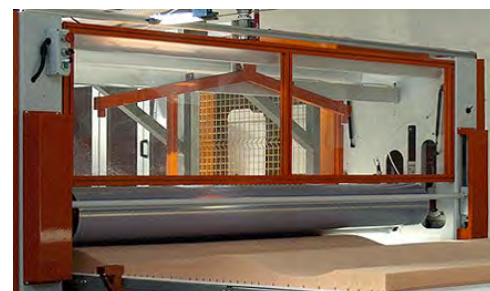
Gluing polyurethane and polyester to:
matching materials
fabrics
leathers and hide
padding, resin-coated materials,
non-woven fabric and felt
chipboard and steel.

Gluing rigid materials (wood, steel, ABS, integral polyurethane) to fabric, leather or hide

Products

Water-based polychloroprene adhesives (single or two-component)

Solvent-based thermoplastic and polychloroprene adhesives



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Glues and adhesives for the footwear and leather goods industry



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Users

Shoe manufacturers
Upper manufacturers
Heel manufacturers
Sole manufacturers
Insole manufacturers
Leather goods industry
Manufacturers of faux or reclaimed leather counters



Products

Polychloroprene and natural adhesives, water- or solvent-based polyurethane adhesives

Water-based thermal adhesives

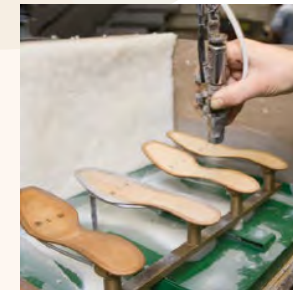
Applications

Gluing of sole/upper (leather, hide, greased hide, thunit, microcellular rubber, microcellular EVA, thermoplastic rubber, polyurethane, PVC, polystyrene, nylon, TPU).

Coupling linings to uppers and gluing toe caps.

Coating of heels in ABS, polystyrene, wood with hide and synthetic leather strips, fabric and leather.

Gluing of texon and salpa to pressboard. Coupling of various materials to matching materials and to stiffeners. Application of adhesive to counters made of salpa.



Glues and adhesives for insulation and soundproofing



Products

Water-based polychloroprene adhesives (single or two-component)

Solvent-based thermoplastic adhesives

Users

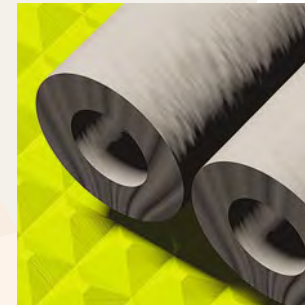
Thermal insulation and soundproofing panel manufacturers

Manufacturers of insulation for piping, refrigeration rooms and air treatment units



Applications

Ferrous materials to foam products (polyurethane, polyether, polypropylene)
Reinforced mineral wool to fiberglass or aluminum
Reinforced mineral wool to metal sheet or aluminum
Foams to matching materials
Polystyrene to plasterboard or metal sheet
Polystyrene to PVC sheet
Polystyrene to matching material



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Glues and adhesives for wood and laminates



Applications

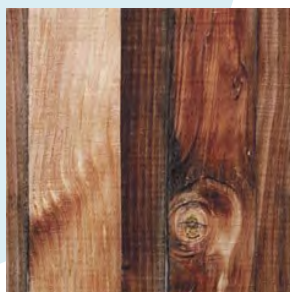
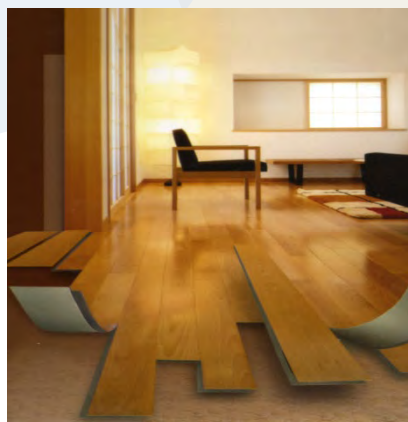
Laminated wood to matching material, iron, steel, fabric and PVC

Products

Solvent-based polychloroprene and polyurethane adhesives (spray-, spatula- or brush-applied), vinyl-based adhesives

Users

Manufacturers of shop/community furniture, refrigeration rooms, trade fair booths, lifts (panels)



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Glues and adhesives for the boat-building industry

Users

Inflatable boat manufacturers
and maintenance engineers

Antipollution barrier and
wetsuit manufacturers

Boat interior upholsterers and
designers



Applications

Gluings of fabrics coated with
neoprene, hypalon, PVC and PU

Gluings of EPDM rubber,
SBR and neoprene

Gluings of expanded resin, natural and
synthetic hide, fiberglass fabrics,
wood and aluminum

Products

Solvent-based polychloroprene and
polyurethane adhesives

Water-based two-component
polychloroprene adhesives

Solvent-based spray or brush-on
polychloroprene or thermoplastic
adhesives



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Product lines



AQUAGUM™
SPRAYABLE ADHESIVES

RESPAN
SOLVENT BASED ADHESIVES

PRESCOL
COLLE VINILICHE

PRESSION
CONTACT ADHESIVES BY SPATULE OR BY BRUSH

PMIGUM
POLIURETHANIC ADHESIVES BY BRUSH

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Aquagum®

Water-based product that stands side-by-side with the historic solvent-based lines Respan, Pression and Pivigum

- Water-based spray adhesive that is totally solvent-free
 - Two-component, to be used with a special catalyst CAT/194 or CAT/IM
 - Single-component version
 - High heat resistance
 - Excellent yield
 - Immediate initial curing, open time up to 30 minutes
 - Spray on both surfaces and, if gluing is relatively easy, spray on one surface only
 - Specifically designed to meet the adhesive requirements of the upholstered furniture and mattress industries.
- Can glue polyurethane foam and similar products as well as fabric, laps, padding, wood and polystyrene
- Color: light blue or white
 - Numerous versions of AQUAGUM® are available



AQUAGUM™
ADESIVI A BASE ACQUA



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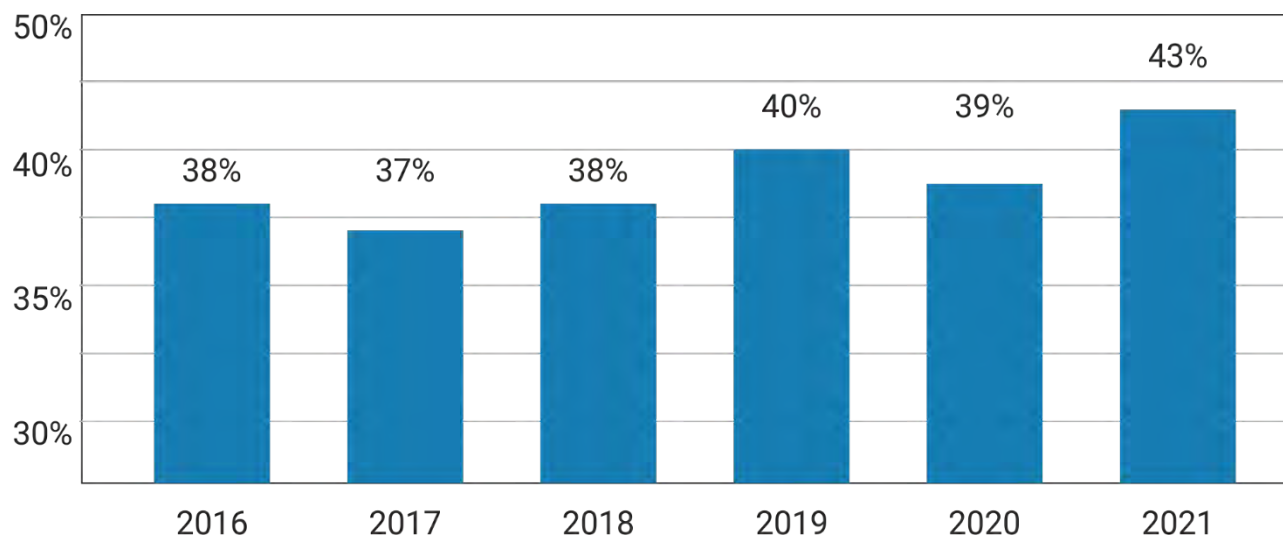


Aquagum turnover

Water-based product that stands side-by-side with the historic solvent-based lines Respan, Pression and Pivigum



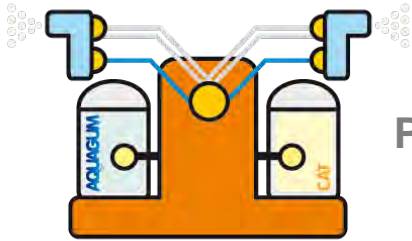
Impact of the Aquagum component on the overall turnover



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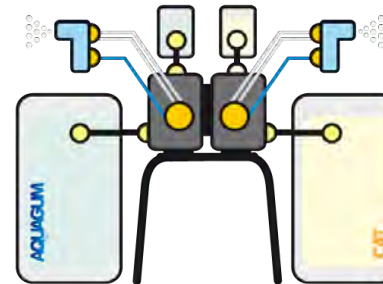
Spray systems

Spray systems for water-based adhesives



Pressure spray systems

In this type of system, the vessels containing the Aquagum adhesive and catalyst are pressurized. The system sucks in and mixes the two components so they are ready to use.



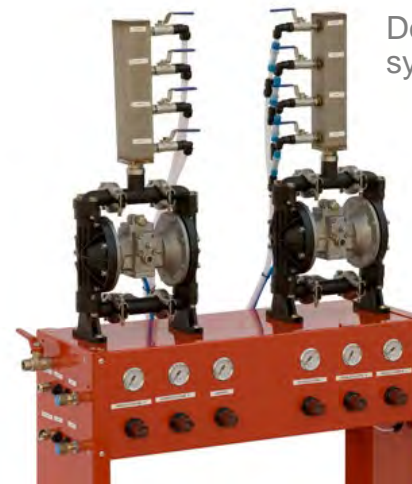
Pump spray systems

In systems with double diaphragm pump, Aquagum adhesive and catalyst intake comes directly from the drums or tanks. The system sucks in and mixes the two components so they are ready to use.



Standard pressure spray system for average consumption

Mini pressure spray system for low consumption



Double diaphragm spray system



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Spray systems

Specific systems for spray solvent-based adhesives



Airbrush for solvent-based adhesives

Double diaphragm pump without trolley (for drums and tanks)



Double diaphragm pump with trolley designed for solvent-based adhesives (suited for drums or cans)



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