

SERVICES

D5 Italia completes its presence on the market through its services, which are:

Machine Assistance

- Contracted periodic maintenance
- Assistance and repairs
- Updated legislation

All of the activities on the machines can be done both at our establishment and in case of specific needs directly on site to support the applier

Special Applications

For particular needs, **D5 Italia** performs specific applicational interventions, coupled with an educational process. A hands-on approach, because of the high standard of our technicians, is to be taken into account only for particular cases and/or first time applications.

Spare Parts

All around availability of spare parts, both for the polyurethane-polyurea and the mortar spraying machines

Training

Training courses, both basic and specific, tailored to suit the client's applicational needs. The courses are held at our establishment by high profile technicians, they consist in practical demonstrations and product information. Tests which examine both the application through spraying, and the knowledge of the products based on the specific uses.

Completing the course will give the participants an attendance certificate which will be renewed yearly in consideration with the latest norms and updates. The calendar for the courses can be consulted by contacting our secretariat.

PRODUCTS

We make spraying and spreading machines and commercialize polyurea and polyurethane both 100% pure or as hybrids.

MACHINES

We produce machines for spraying polyurea and polyurethane, spreading mortar, and commercialize polyurethanes and polyurea both 100% pure or a combination of the two.

D5 Italia, through the production of polyurea and polyurethane spraying machines and spreading machines, sets itself on the top shelf of available technology. The proportioning units produced at our establishment are up to the latest quality and safety standards.

POLYUREA AND POLYURETHANE

This fascinating product, polyurea, is a strong elastomer that is chemically formed by the reaction product of an aromatic or aliphatic isocyanate and a multifunctional amine or a blend of amines, with a blend proportion which is usually 1:1, it allows the creation of a full coating which is completely waterproof.

STRUCTURAL MORTARS

These products have a variable granulometry and are strengthened by resinous aggregates. Mortar is the most innovative material on the market to transform and strengthen ornamental structures, scenography and EPS profiles. With the spraying machines made available by **D5 Italia**, mortar can be applied on any type of brick.

The mortar we supply is available both in sacks with strengthening resin on the side or pre-mixed to reduce preparation and application activities for the applier.



www.d5italia.com

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We protect Your world,
with **INNOVATION**

INNOVATIVE TECHNOLOGIES, MACHINES AND POLYUREAS





VR02

High-pressure spraying machine for the application of polyurea or polyurethane material in varying ratios.

TECHNICAL DATA

Ratio:variable
Up to 100mt. of external tubes
Up to 210bar of pressure
5 to 19lt. Per minute
21,5KW power consumption
Size 600*1050*490
CE safety regulation



FS02

High-pressure spraying machine for the application of polyurea or polyurethane with a fixed 1:1 ratio.

TECHNICAL DATA

Ratio 1:1
Up to 60mt. Of external tubes
Up to 210bar of pressure
Up to 9lt. Per minute
10.5KW power consumption with current modulator
Size 550*980*930 340kg.
CE safety regulation



**P02
AIR**

Pneumatic high-pressure machine capable of 190bar. A system with a 1:1 ratio capable of handling polyurethane, styrofoam and polyurea.

TECHNICAL DATA

Power 220V
Size: 50*70*97 cm

MACHINES

POLYUREA

Pure polyurea, certified for food and beverage. Bi-component product based on aromatic isocyanates and flexible amines for metallic, cinder, wooden and EPS surfaces. The product is 100% solid.

D5004A



Pure Polyurea with no organic volatile components. It's a bi-component product based on aromatic isocyanates and flexible amines specifically designed for protecting metal and concrete surfaces used for vehicle transit. The product is made entirely of solid substances and according to EN 13823:2010 it belongs in the E Class fire reaction class.

D5001



Pure Polyurea with no organic volatile components. It's a bi-component product based on aromatic isocyanates and flexible amines specifically designed for protecting metal and concrete surfaces. The product is made entirely of solid substances and according to EN 13823:2010 it belongs in the E Class fire reaction class. The product is resistant to temperatures ranging between -15°C and +70°C

D5002



D5007

Rigid polyurethane without solvents based on a hybrid system. It's an elastomer that thanks to its particular reaction, forms a rigid shell, without any weight loss. This membrane has a rapid reticulation if compared to any other product on the market. Ideal for coating any shape made out of polystyrene.



STRUCTURAL MORTAR

The **D5 Italia** mortar, with our machines, can be applied on any kind of brick or decorative element. They are certified materials and the specific formulae allow for them to be applied even on the hottest days. They can be supplied:
- In sacks, where the inert material and the resin which allows to mortar to harden is in a separate container, shipped together
- Pre-mixed, hermetically sealed containers ready for use



The different granulometry allow it to satisfy different applicational needs:

1. D501 - NORMAL - applicable through spraying or spreading: is usually used on any kind of brick or EPS decorative element.
2. D502 - FINE - version best suited for being spread.
3. D502 - MICRO FINE - version best suited for being sprayed: applicable on any kind of brick or polystyrene decorative element.

