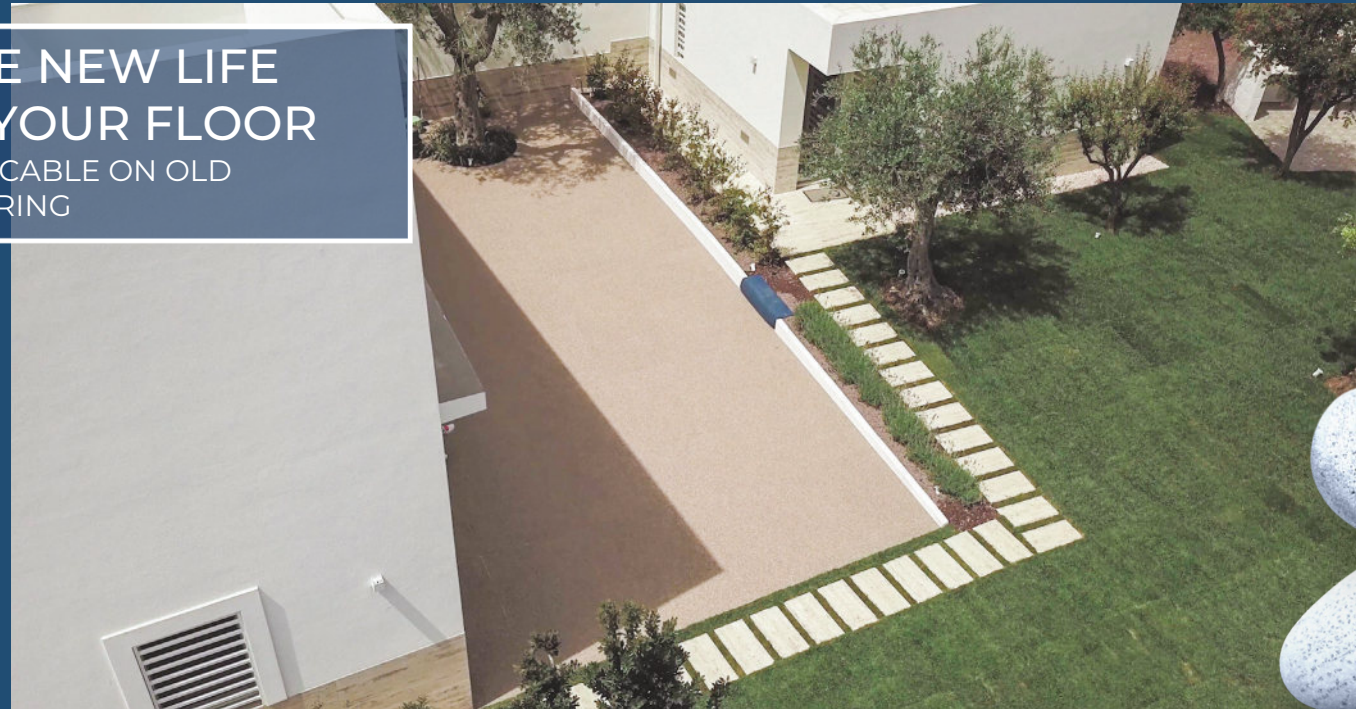
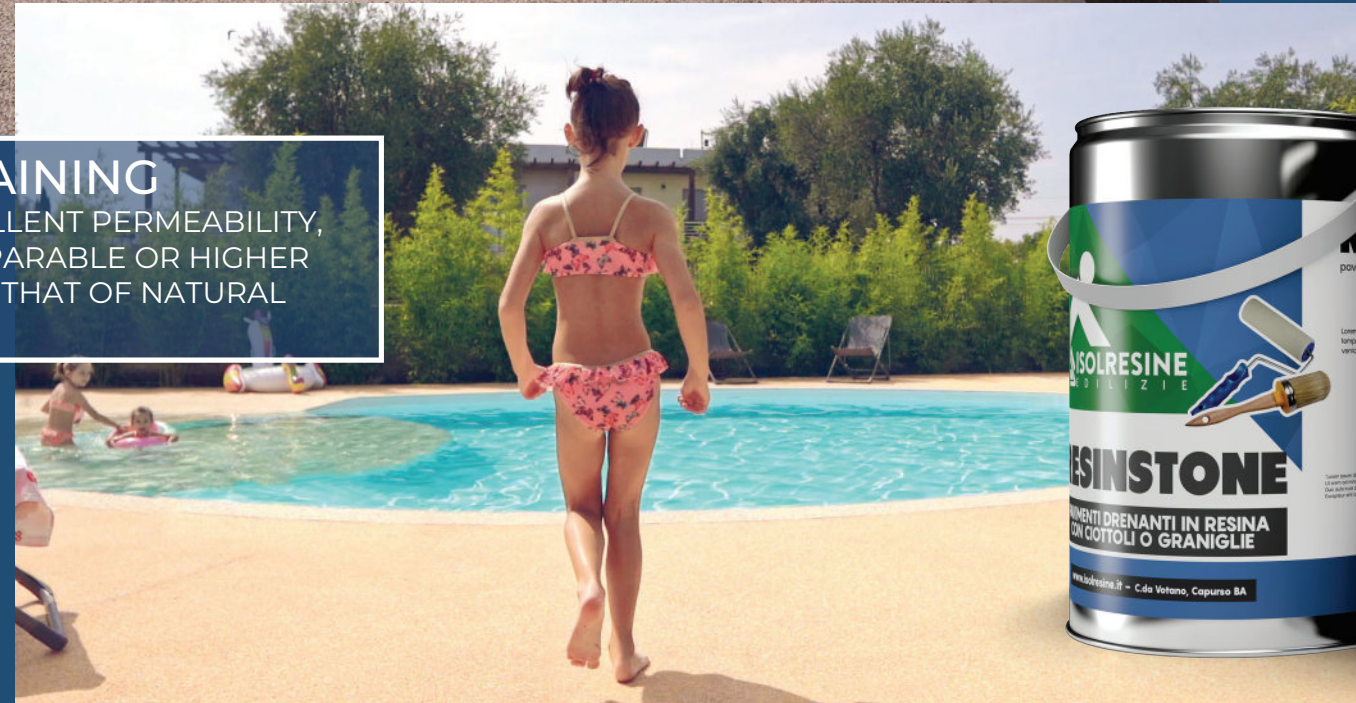


**GIVE NEW LIFE
TO YOUR FLOOR**
APPLICABLE ON OLD
FLOORING



**VEHICLE
ACCESSIBLE**
HIGH WEAR, IMPACT AND
ABRASION RESISTANCE

CANICO



DRAINING
EXCELLENT PERMEABILITY,
COMPARABLE OR HIGHER
THAN THAT OF NATURAL
SOILS



**FROM THE EXPERIENCE
OF ISOLRESINE EDILIZIE,
RESINSTONE IS BORN.**

“Scientific studies have led to the refinement of an irreplaceable formula. It is a cycle of polyurethane resins mixed with marble pebbles or marble stones specifically formulated and selected. A product for draining resin floors with pebbles or grits. Two- component based on polyurethane resins for finishing and maintenance of outdoor pavements.

RESINSTONE complies with UNI 15288-1 standard in the perimeter flooring areas of the pool because it prevents the formation of standing water in the areas barefoot and allows drainage of the water in such areas.

Once tried, it becomes indispensable in any quality job. RESINSTONE is a product from ISOLRESINE EDILIZIE.”



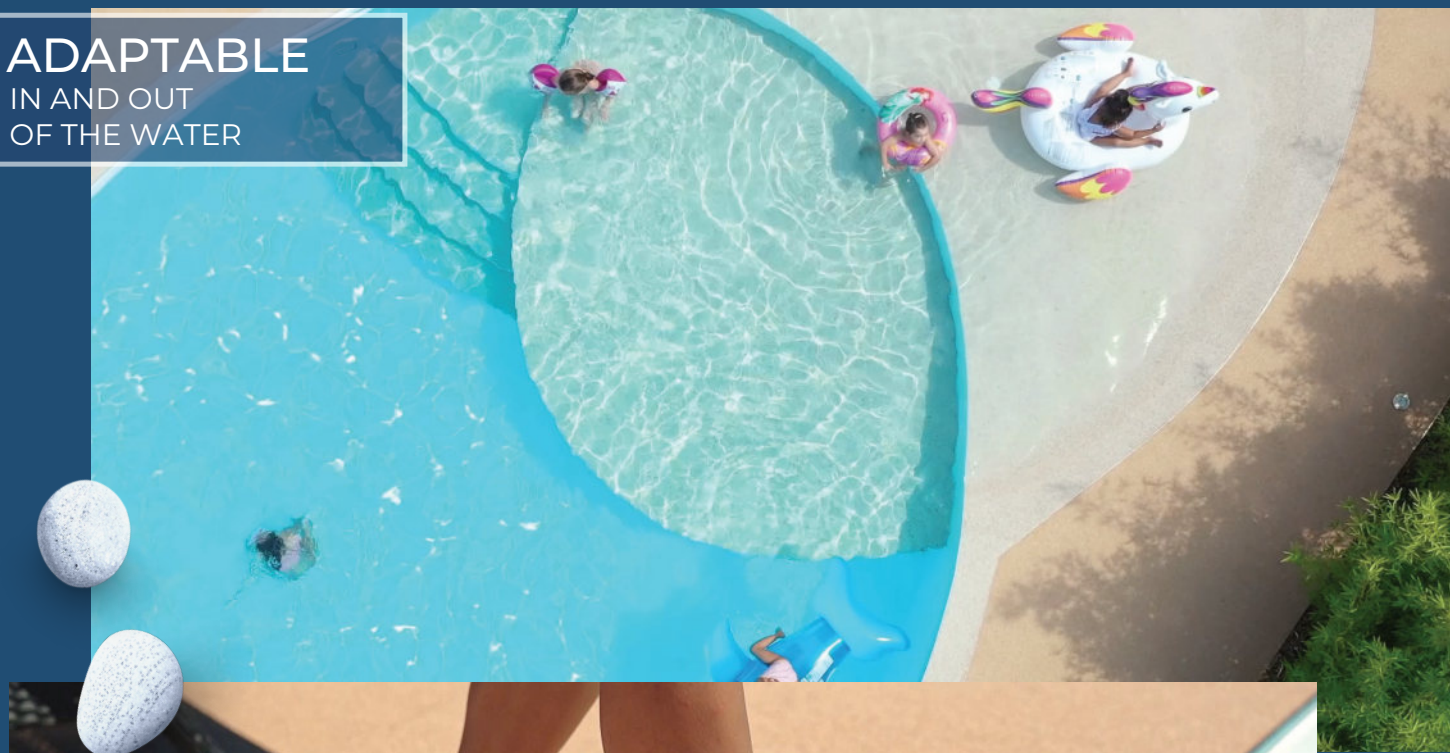
C.da Votano Z.I. 70010 Capurso
080 455 3227 | amministrazione@isolresine.it
www.isolresine.it

RESINSTONE

From the experience of ISOLRESINE EDILIZIE
RESINSTONE IS BORN.



ADAPTABLE
IN AND OUT
OF THE WATER



NON-SLIP
SAFE AND WALKABLE
ACCORDING TO UNI 15288-1
IN THE PERIMETER
FLOORING AREAS
OF THE POOL



APPLICATION MODE



1 APPLICATION OF THE PRIMER
Application of WATERPAV T epoxy primer over the entire surface for subsequent application of the drainage coating.



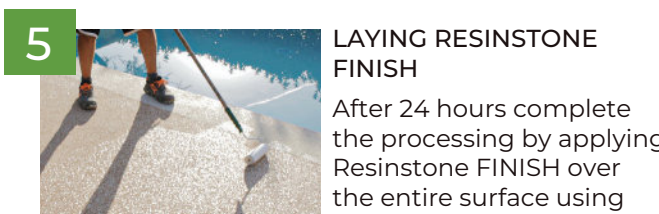
2 ASSEMBLY OF PROFILES
Assembly of profiles for the correct laying of the coating.



3 RESINSTONE PREPARATION
Preparation of the resin compound and aggregate mixture using a kneading machine.



4 RESINSTONE APPLICATION
Application of the compound using an aluminium stadia respecting the thickness of the profiles and compacting the surface with a steel trowel.



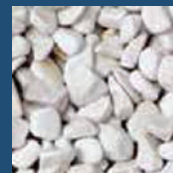
5 LAYING RESINSTONE FINISH
After 24 hours complete the processing by applying Resinstone FINISH over the entire surface using a microfiber roller.

RESINSTONE is a product
ISOLRESINE
EDILIZIE

PEBBLES 1-4 | 4-8 mm



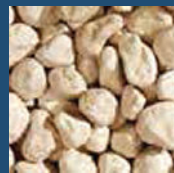
Carrara white



Verona white



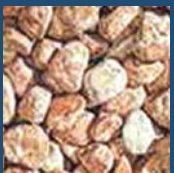
Giallo Mori



Botticino



Yellow Siena



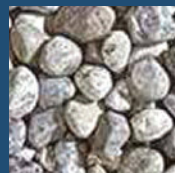
Coral Pink



Breccia Aurora



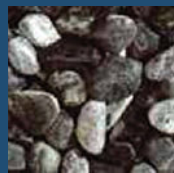
Rosso Verona



Occhialino Marble



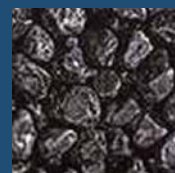
Mahogany Brown



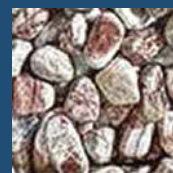
Green Alps



Bardiglio Marble



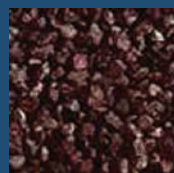
Black Ebony



Arabesque Pink

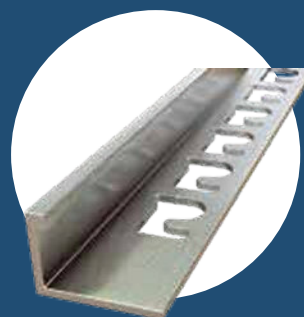


Breccia Pernice Marble

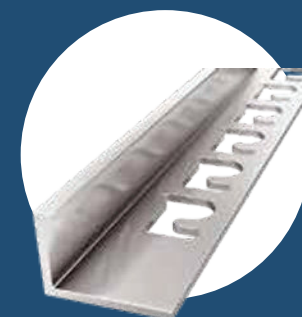


Rosso Levante Marble

TOOLS



Natural aluminium profiles



Polished steel profiles



Natural aluminium curved profiles



Polished steel curved profiles



Resinstone roller



Squeegee steel adjustable



Kneading machine

RESINSTONE is a product
ISOLRESINE
EDILIZIE

RESINSTONE

DESCRIPTION

DRAINING FLOORING BASED ON TWO-COMPONENT ALIPHATIC POLYURETHANE RESIN
Resinstone is a draining and decorative floor composed of a system of polyurethane resins specifically formulated, mixed with selected marble pebbles. The wide range of colors and the large variety of grain sizes available, makes the product very versatile and flexible in use.
Resinstone is a system compliant with UNI EN 16165 and DIN 51097 standards related to the slip resistance of pedestrian surfaces.
SRT (Skid Resistance Tester) drift resistance between 25 and 42.

USE

Resinstone is used as outdoor flooring and it is walkable, cyclable and vehicle accessible; It has permeable characteristics thus also resulting in drainage. Depending on the grain size chosen, the laying thickness can be 1,0 or 1,5 millimeters.
The product can be used in public areas, cycle paths, squares, balconies, terraces, pool edges, common spaces, etc... on substrates composed of:
- lean screeds;
- reinforced concrete or with a low percentage of reinforcement;
- waterproof cement-based mantles;
- floor supports;
Resinstone can also be used as a decorative effect, through the use of special templates.

PREPARATION OF THE SUBSTRATE

In order to compromise the success of the workmanship, the support must be hardened, dry, compact and not polluted by oils, greases or other incoherent parts. To restore any crumbly or weakly anchored parts. The support must not contain dust or residues of water-repellent products.
Thanks to its drainage capacity, to verify that the existing slopes are adequate in order to ensure the regular outflow of rainwater and if necessary, to provide for waterproofing of the support. If expansion joints exist, they must be exposed on the coating.

Laying method:

- To perform preliminary operations;
- To open the packages and mix the component A with the component B by means of a hand double whisk mixer at a speed about 300 rpm;
- To add the mixture to component C (pebbles) by mixing again until a mixture of a semi-wet consistency is obtained;
- To apply the mixture of pebbles and resin inside the areas delimited by the guides and spread it using aluminium stadia compacting it simultaneously with a steel trowel; if necessary, to spray the trowel with alcohol or nitro diluent in the quantities provided (see consumption);
- To wait for a complete drying for about 24 hours (23°C and R.H. 50%);
- To apply a coat of RESINSTONE FINISH by roller or brush in the quantities provided (see consumption).

CONSUMPTION

- The consumption of RESINSTONE is:
- Pedestrian use with thickness of 1,0 cm: 15 kg/m²
 - Vehicular use with thickness 1,5 cm: 23 kg/ m²

PHYSICAL AND TECHNICAL CHARACTERISTICS

CHARACTERISTICS/PARAMETER	VALUE	TEST METHOD
Density (apparent)	1,12 kg/m ³	UNI EN ISO 2811-1
Viscosity	88700 cPs R7 RPM 2,5	UNI EN ISO 3219
VOC (Te < 250 °C)	0,221 (%)	ISO 11890-2 Rif. 2004/42CE D.Lgs. 161-06
VOC (250 °C < Te < 370 °C)	absent	
SVOC	absent	
Adhesion to concrete	Adhesion strength 0,5 N/mm ²	UNI EN 13892-8
Adhesion to concrete after thermal cycles	Adhesion strength 0,5 N/mm ²	UNI EN 13687-3
Permeability of the conglomerate	Kv = 2,82 e-0,3 m/s	UNI EN 12697-19
Resistance to bending and RF compression	RF = 4,38 N/mm ² RO = 4,48 N/mm ²	UNI EN 13892-2
Slip angle/tilt	32° (≥24°) Group A+B+C	UNI EN 16165 DIN 51097
Drift resistance	25 < SRT < 42	UNI EN 1436
Appearance	Matte	
Available colours	Black	