

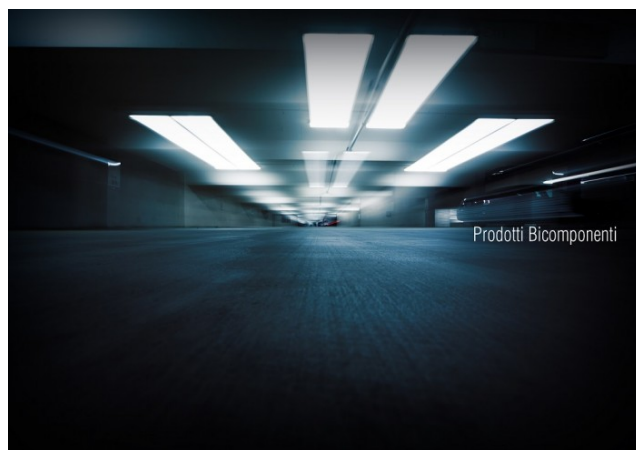
RESINPAVE'



Moisture-curing aliphatic polyurethane resin

Natural Marble Pebbles

Draining, Permeable, Non-Slip



Prodotti Bicomponenti

Codice

1236

Description

RESINPAVE' is an innovative paving system offering high resistance to weathering and wear, with anti-slip, draining and permeable properties. It is composed of a moisture-curing aliphatic polyurethane resin — a technologically advanced material highly resistant to chemical and mechanical agents — combined with Natural Marble Pebbles available in different grain sizes (2-4 mm, 4-8 mm) and in a wide range of elegant colours.

The perfect solution for those seeking a beautiful, functional and environmentally friendly paving system.**

Use

Ideal for creating permeable and draining surfaces, both decorative and durable for pedestrian and vehicular use. Perfect for pathways, courtyards, parking areas, pool zones and outdoor spaces, cycling paths, balconies and terraces, urban and landscape environments.

Transparent

Colours

Breccia Pernice
Rosa Corallo
Botticino
Bianco Carrara
Rosso Verona
Verde Alpi
Bardiglio
Sky Blu

Component

2

Specific weight

0,950 g/cm³ (20°C)

Pedestrian traffic

Recommended minimum thickness: 1.5 cm

Vehicular traffic

Recommended minimum thickness: 3-5 cm

Tensile strength

27,4 MPa

Hardness

53D Shore

Chemical resistance

Highly resistant to salts, oils, gasoline, alcohol and acids.

Permeability

Totally permeable system

Product preparation

Resin/Aggregate Dosage

GRAIN SIZE	PEBBLES	RESIN	RATIO
2-4 mm	20 Kg	1.000 Kg	20:1
4-8 mm	20 Kg	0.800 Kg	20:0.800

Coverage

Grain size 2-4 mm:
1 square meter with a thickness of 1.5 cm.
Grain size 4-8 mm:
1.5 square meters with a thickness of 1.5 cm.

Ensure that the substrate is clean, dry, free from dust, oils and loose parts. For

Application

dusty or highly porous substrates, apply a coat of EPO PRIMER. Check the flatness and compactness of the base and level any depressions, ensuring that slopes are adequate for water drainage. IMPORTANT: Install aluminum profiles as joints every 4-5 m² to allow for future repairs and to manage material expansion.

Mixing

Use a low-speed electric mixer to combine the polyurethane resin with the marble pebbles in the indicated proportions until obtaining a homogeneous mixture.

Laying and Compaction

Spread the material evenly with an aluminum screed. Compact and smooth thoroughly with a Power Trowel (mechanical trowel) or with a steel float. For constant thickness, install angular guide profiles. Proper compaction is essential for floor resistance. To clean the trowel and tools, use our RESINSOL 224 solution.

Drying and curing times

Pedestrian traffic: 24 hours (25°C, 50% R.H.)
Vehicular traffic: 48 hours (25°C, 50% R.H.)

Environmental conditions

Apply at ambient temperatures between +10°C and +25°C. Avoid application in case of rain or high humidity. Wait for complete polymerization before traffic (times vary according to temperature).

Precautions:

Protect the surface during the curing phase. For large surfaces, plan the application in sections. Use personal protective equipment during application.

Shelf life

Store in a cool, dry place, away from direct sunlight. Keep containers tightly closed.

Packaging

Complete kit of 21.000 Kg.
20 kg PEBBLES
1 kg POLYURETHANE RESIN