

DESCRIPTION

Flooring system based on natural stone, rounded, cleaned and dried, embedded on transparent resin, flexible and excellent UV resistance, slip-resistant, contain organic-inorganic technology. VIA.MARMI is a solution with very good resistance at weathering (water, chemical agents, UV radiation, salt, etc.) and traffic.

USES :

Exterior and interior. Ideal for terraces, alleys, lanes, exterior ladders, pools, sidewalk, car access lanes, shops, show-rooms, designer outlets, retail stores, conservatories, atriums, reception halls, conference zones and exhibition areas.

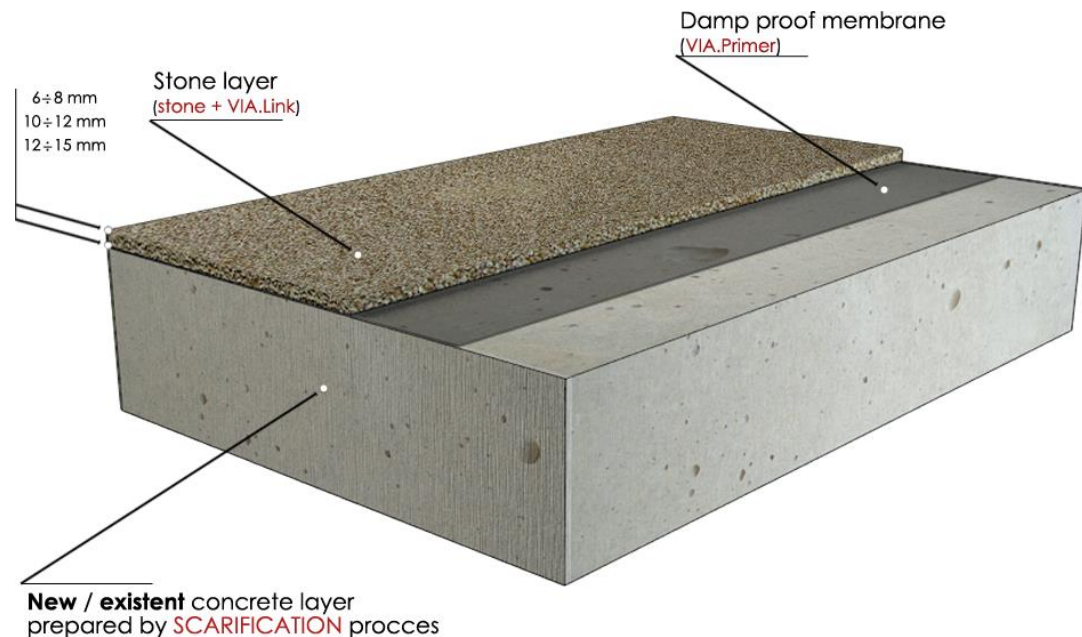
BENEFITS :

- + natural stone finish, unlimited design possibilities thanks to a large range of stones, dimensions and mixing possibilities
- + it's applied continuously, without joints (exception the construction joints, pouring joints and those imposed through projection);
- + noise reduction (footsteps);
- + because of their innovative composition allow concrete support to breathe, avoiding the risk of exfoliation;
- + excellent abrasion and weathering resistance;
- + can be applied on concrete, wood, ceramics or metal;
- + open structure with a lot of gaps that retain the heat. The medium temperature of this system is similar with a wood flooring;
- + granular structure of the surface reduces the contact area between foot and floor loads significantly decreasing electrostatic significantly reduce dust generation and submission of it;
- + very good resistance to freeze thaw cycles;

COLOUR CHART :

18-24 types of base colours, mixes and special colour.

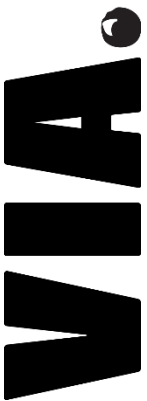
VIA MARMI SYSTEM DESIGN:



VIA.

TECHNICAL DATA SHEET

PRODUCT :	VIA.MARMI
FINISH :	Gloss or mat, flat or textured
THICKNESS :	6 - 12 mm, by grain size stone.
COLOUR :	In conformity of colour chart of natural stones.
SUBSTRATE REQUIREMENT:	Can be apply on concrete, concrete screed, wood, ceramics, metal. Concrete or concrete screed should be a minimum 25 N/mm ² compresion resistance, free of laitance, dust and other contamination. The substrate should be dry to 6% and free from rising damp and ground water pressure.
PRODUCTS INCLUDED IN THE SYSTEM:	Primer – VIA.Prime DPM. Topping – VIA.Link with stone.
INSTALATION SERVICE :	The installation should be carried out by a licensed contractor with a documented quality assurance scheme. Obtain details of our licensed contractors by contacting our customer service team.
ENVIRONMENTAL CONSIDERATIONS:	The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs, maintenance and cleaning. Environmental and health considerations are controlled during manufacture and application of the products by our staff and fully trained and experienced contractors. Product is not classified as ADR.
CLEANING AND MAINTENANCE	The surface is easy to clean by regular vacuuming to remove surface dirt. Occasional low pressure water jetting followed by wet vacuuming to remove remaining water.



TECHNICAL INFORMATION

THE FIGURES THAT FOLLOW, ARE TYPICAL PROPERTIES ACHIEVED IN LABORATORY TEST AT 20°C AND AT 50% RELATIVE HUMIDITY

FIRE RESISTANCE :	Class G.			
SLIP RESISTANCE :	<p>Dry > 40 – low slip potential.</p> <p>The slipperiness of flooring materials can change significantly, due to the installation process, after short periods of use, due to inappropriate maintenance, longer-term wear and/ or surface contaminants (wet or dry). Textured systems are recommended to meet slip resistance value requirements for wet conditions and/ or surface contaminants (wet or dry) - please contact our Technical Advisors for further details and specifications.</p>			
ABRASION RESISTANCE:	Class AR2 – Medium duty industrial and commercial.			
IMPACT RESISTANCE, ISO6272 :	<p>1 kg weight > 1.8m.</p> <p>2 kg weight > 1.5m.</p>			
LOW TEMPERATURE RESISTANCE	Continuously till -40 °C.			
	<p>Continuously till 60°C.</p> <p>Short period till 80°C.</p>			
CHEMICAL RESISTANCE :	Good resistance to coffe, tea, cola, fruit juice, soaps and bleach.			
COMPRESSIVE STRENGTH	> 20 N/mm ² .			
FLEXURAL STRENGTH	10 N/mm ² .			
BOND STRENGTH :	Greater than cohesive strength of 25 N/mm ² concrete. >1.5 MPa.			
SPEED OF CURE:		10 °C	20 °C	30 °C
	Light traffic	36 hrs	24 hrs	24 hrs
	Full traffic	72 hrs	48 hrs	48 hrs
	Full chemical cure	12 days	7 days	7 days
FURTHER INFORMATION:	To ensure you are specifying a fit for purpose flooring system for your project please consult our Technical Advisors on the number below or visit our website to register your interest in specifying one of the most durable floors on the market.			

VIA.