

DESCRIPTION

VIA.RUSTIK is a flooring system based on natural stone, rounded, washed and dried (maximum 3% humidity), embedded in a transparent polyurethane resin, flexible and UV stable, slip-resistant, contain organic-inorganic technology. VIA.RUSTIK is a flooring solution with a very good weathering and chemical resistance (water, chemical agents, UV radiation, salt, etc.) and traffic.

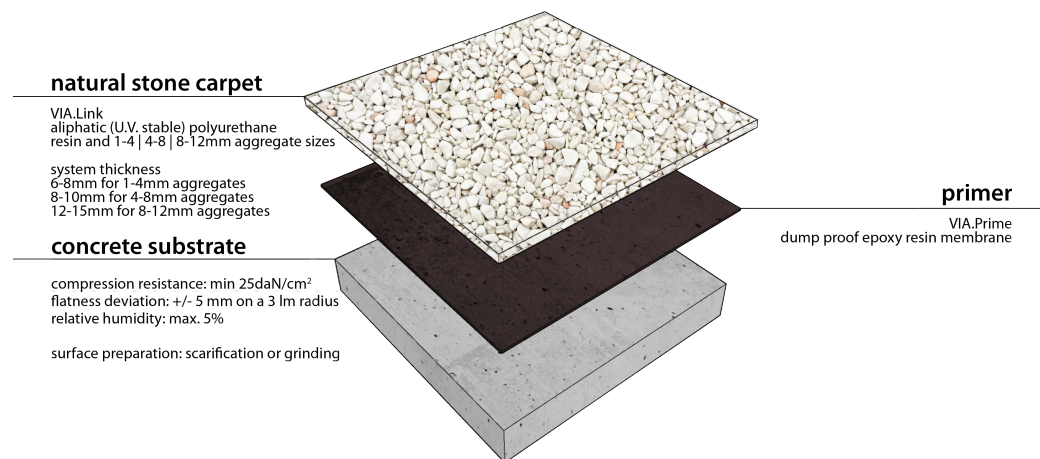
USES : Exterior and interior. Ideal for terraces, alleys, lanes, exterior ladders, pool surroundings, sidewalks, car access lanes, shops, show-rooms, designer outlets, retail stores, conservatories, atriums, reception halls, conference zones and exhibition areas.

BENEFITS :

- + natural stone finish with unlimited design possibilities thanks to a large range of stone colors, dimensions and mixing possibilities
- + it is applied continuously, without joints (exception the construction joints, pouring joints and those impose by the project design)
- + noise reduction (footsteps);
- + because of their innovative system construction, it allows the concrete substrate to breath, avoiding the risk of delamination;
- + 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 therefor significantly reducing dust cycles;
- + very good resistance to freeze-thaw cycles;

COLOUR CHART : 18-24 types of standard colors; can be mixes between and are also available special colors.

SYSTEM DESIGN:



TECHNICAL DATA SHEET

PRODUCT:	VIA.RUSTIK.
FINISH:	Gloss or mat, flat or textured
THICKNESS:	6 - 15 mm, depending on the stone grain size
COLOUR:	In conformity of color chart of natural stones.
SUBSTRATE REQUIREMENT:	Can be apply on concrete, cement screed, wood, ceramics, metal. Concrete or cement screed should be a minimum 25 N/mm ² compression resistance, free of laitance, dust and other contamination. The substrate should be dry to 5% 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 or enquiring via our web site www.viarustik.ro .
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 water pressure machines can be used followed by wet vacuuming to remove remaining water if a surface resealing procedure is necessary.

TECHNICAL INFORMATION

THE FOLLOWING VALUES WERE ACHIEVE IN LABORATORY IN STANDARD TESTING CONDITIONS AT 20°C AND 50% AIR RELATIVE HUMIDITY

FIRE RESISTANCE:	Class G.			
SLIP RESISTANCE:	Normal, dry/wet - R12 Optional anti-slip layer, dry/wet - R13 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 contamination (oils). 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.			
ABRASION RESISTANCE:	Class AR2 – Medium duty industrial and commercial.			
IMPACT RESISTANCE, ISO6272 :	1 kg weight > 1.8m. 2 kg weight > 1.5m.			
LOW TEMPERATURE RESISTANCE	Continously till -40 °C.			
HIGH TEMPERATURE RESISTANCE	Continously till 60°C. Short period till 80°C.			
CHEMICAL RESISTANCE :	Good resistance to coffee, tea, cola, fruit juice, soaps			
COMPRESSIVE STRENGTH	> 20 N/mm ² .			
FLEXURAL STRENGTH	10 N/mm ² .			
BOND STRENGTH :	Greater than cohesive strength of 25 N/mm.concrete. >1.5 MPa.			
SPEED OF CURE:	10 °C	20 °C	30 °C	
	Light traffic 36 hrs	36 hrs	24 hrs	12 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.			