**MAPEI AT MARMOMACC**

*Stone Installation Systems*

*Verona – 26th of September to the 29th of September - Hall 7, Stand E2*

**Mapei** is at Marmomacc 2018 to **present its systems for installing natural stone** and **new products** developed for the **natural stone, agglomerates and ceramics** market, with particular attention to **architectural stone paving**.

An important appointment Mapei will be holding, with the **patronage of UNI**, is the **first official presentation** of the new **UNI 11714-1:2018** standard *“Stone dressings for horizontal and vertical surfaces and ceilings - Part 1: Design, installation and maintenance Instructions”.*

The presentation will take place on the **28th of September** at 10 am in the **Puccini room** by the Coordinator and Secretary of the UNI Standards Group specialised in natural stone. Mapei will take the opportunity to present its own systems that comply with the new standards, an innovative system for elastic and pervious stone paving set on bound laying beds and the most significant case-histories on architectural stone paving and exposed-aggregate concrete.

*STONE INSTALLATION SYSTEMS*

Mapei’s installation systems are **reliable** and **guaranteed by Mapei’s experience** of site work all around the world.

They include materials to create substrates, reliable and permanent waterproofing solutions, rapid and high-performance adhesives to install stone and marble and grouts and stain-resistant sealants available in various colours.

For the natural stone and ceramics market, Mapei is introducing **Keraquick Maxi S1**, the **new cementitious adhesive** classified as C2FTS1 according to EN 12004 standards: a high performance, **rapid** adhesive used to install marble, natural stone, agglomerates and ceramic tiles including large formats, suitable for **thicknesses up to 15 mm**. Floors installed with Keraquick Maxi S1 can then be **opened to intense traffic use only 24 hours after installation**.

Apart from this new adhesive, Mapei is also proposing:

**Novoplan Maxi**, the special **self-levelling, fibre-reinforced** mortar with excellent **thermal conductivity** for compact, highly conductive underfloor heating and cooling systems and thin, water-based underfloor heating systems. Substrates levelled off with Novoplan Maxi are suitable for installing **natural stone, agglomerates and ceramic** flooring and pre-finished wooden flooring.

**Mapelastic**, the **two-component, elastic cementitious** mortar for reliable, permanent waterproofing of balconies, bathrooms, terraces and swimming pools. Mapelastic is resistant to UV rays, **highly flexible** and may even be applied on existing coatings, as long as their surface is solid and clean, including at **low temperatures**.

**Granirapid**, the **high performance, rapid cementitious adhesive** for installing marble, natural and agglomerates stone and ceramics on floors and walls. It is suitable for installation on cementitious screeds, heated floors and existing ceramic and natural stone floors. Thanks to its **rapid drying and hydration times** floors and coatings are ready for use after just 24 hours and set to foot traffic in 3 hours.

**Keraflex Maxi S1**, the high performance, deformable **thixotropic cementitious adhesive** with good white balance, extended open time, **Low Dust technology**, which significantly reduces the amount of dust given off during mixing, and very low emission of volatile organic compounds (VOC).

It is recommended for installing ceramic tiles and stone and is particularly suitable for installing **large format porcelain tiles and natural stone**, including on facades

**Mapesil LM**, the solvent-free, **stain-proof sealant** with low modulus of elasticity and **BioBlock® technology** for sealing marble, granite, sandstone and quartz sensitive to acids and plasticisers. Thanks to its special properties, seals made with Mapesil LM remain stable over the years, even when exposed to bad weather, industrial pollution, temperature variations and water. Mapesil LM sealant is available in various colours from the **Set the Mood collection**: **50 shades** for grouts and sealants, as well as a transparent version. A complete range and the only one on the market with such a **vast range of products** and **wide choice of colours**, to meet all needs and match any requirement when installing stone material and tiles in any type of surrounding. The colours are divided into 5 different nuances to make it easier for designers and end users to choose: **Serene, Traditional, Natural, Romance** and **Glamour.**

*URBAN SYSTEMS*

For the street furniture sector, Mapei proposes the Mapestone and Mapestone Joint systems for **creating architectural stone paving** and the Mapei Color Paving system for **road surfaces in exposed aggregate concrete**.

**Mapestone** is the strong and **durable** **mortar + grout installation system** used to create architectural stone paving made from cubes, keebstones, cobblestones, slabs, blocks or prefabricated pavers. Thanks to its special properties, Mapestone System is not only **resistant to** mechanical loads and stresses, hot/cold temperature variations generated by freeze/thaw cycles and de-icing salts, it also guarantees the **durability** of the paving and maintenance and repair costs are **considerably low**.

Mapei recently introduced two new products to the Mapestone family to create **pervious and elastic** paving: **Mapestone Joint** one-component, solvent-free, non-flammable polyurethane binder with a characteristic odour, **safe for installers**. It is ideal for sealing joints in between setts, blocks and cobblestones loose-filled with aggregates and creating **stone paving set on bound laying beds**. Completing the range is **Mapestone Joint Cleaner**, a specific solvent-free cleaner and thinner.

**Mapei Color Paving** is Mapei’s proposal for creating durable, tailor-made architectural road surfaces in exposed aggregate concrete. With this system, locally-sourced aggregates may be used and the type of aggregate, its colour and its exposure depth may be tailored to suit individual requirements. The cementitious matrix may also be tinted, all of which means **unique road surfaces** may be created so they **integrate perfectly with their surroundings** and with the type of stone used. The system is perfectly capable of meeting the aesthetic requirements of the client and the performance characteristics specified by the designer, as well as the various operational needs of the contractor while working on site.

Mapei booth will also dedicate a **corner** created in collaboration with UNI where visitors will be able to **consult the new standard and guide** on “*The design of architectural stone road surfaces according to UNI 11714-1:2018*” and the Mapei systems, soon available on the company website at <https://www.mapei.com/it/en/products-and-solutions/lines/architectural-stone-paving>

**Mapei’s experience** will feature in a presentation of the most **recent and important projects** from around the world where Mapei products have been used.

Founded in 1937 in Milan, Mapei now has 85 subsidiaries, including the parent Company, and 81 production facilities in 34 different countries in 5 continents, a forecast turnover for 2018 of €2.5 Billion and 10,000 employees around the world.

The foundations for the success of the company are specialisation in the world of building by offering certified products and systems to meet the requirements of clients and market demand; internationalisation to be more in tune with local needs and to reduce transport costs to a minimum; Research and Development, which receives the most support from the Company in terms of both investments and human resources.

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