

A close-up photograph of the Artevia Stone aggregate, showing a mix of light-colored sand and small, dark, irregularly shaped stones.

Artevia


THE ART OF CONCRETE

Stone


A NEW CONCEPT OF NATURE INSPIRED PAVEMENTS

Artevia™ Stone is a new design of pavements inspired from nature.

APPLICATIONS

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- A photograph of a paved area made of Artevia Stone. The pavement is a light tan color with a mix of small, dark stones. A circular drain is visible in the center of the frame. The pavement is bordered by a dark grey curb on the left and a grassy area on the right.
- Squares, parks, pedestrian or bicycle pathways, sidewalks and roads
 - Patio and pool side areas
 - Parking and roundabout areas
 - Terrace and gardens
 - Pedestrian areas in commercial buildings
 - Access ramps for handicapped
 - Common areas in residential compounds and buildings

ADVANTAGES

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- A photograph of a paved area made of Artevia Stone. The pavement is a light tan color with a mix of small, dark stones. It is located in front of a modern building with large glass windows. The pavement is bordered by a dark grey curb on the left and a grassy area on the right.
- Taylor made designs for pavements thanks to the wide range of combination and options
 - Offer great creative freedom based on the chosen aggregates
 - Prefect integration to the environment
 - A new concept of nature inspired pavements
 - Artevia™ Stone is a new design of pavements inspired from nature.
 - Pedestrian areas in commercial buildings
 - High resistance to abrasion and impact
 - Non-slip floor
 - Reduce labor and equipment cost
 - Resistant to any weather condition
 - Speed of placing
 - No risk damage to utilities
 - Immediate stabilization of voids
 - No subsequent settlement
 - Re-excavation achieved with ease

DURABILITY

- The properties of Artevia™ Stone offer higher durability compared to other type of pavement, low maintenance and cleanability.

CHARACTERISTICS

- Artevia™ Stone is a special concrete, fabricated with cement, selected aggregates, reinforced with polypropylene fibers and the latest generation of additive that results in a pavement with strong abrasion resistance and excellent esthetical finish with an aspect of carved stone.
- Artevia™ Stone is the ideal concrete for external pavements who wants to imitate the natural stone in all sense.
- Artevia™ Stone is available in a wide range of colours.

METHOD OF PLACEMENT

- Artevia™ Stone concrete will behave in exactly the same way as conventional concrete.
- As with all decorative concrete, the Artevia™ Stone paving should be designed with particular attention to joint spacing.
- Protect adjacent areas from possible splashes of concrete.
- Always applied a sealing agent for curing purpose.
- Joints have to be done 24 hours after place the concrete.
- To maintain and keep the pavement in optimal conditions is recommended to apply protective sealer to avoid preventing ingress of dirt & staining of the surface.
- To clean the surface a normal washing is required.

“We strive to deliver an excellent customer experience through service, quality, accountability and value”

MS DS available on request

ADDITIONAL SERVICES

- Lafarge provide the service of Placing & Finishing to customers, offering supply, placing and finishing of the product in one single contract.
- The Pro Artevia™ network of professional applicators is your best choice of partner for your Artevia™ project. They offer top quality expertise and processes, guaranteeing the best results throughout every step of your project.
- We carefully select and train all of our applicators to ensure they benefit from Lafarge's extensive technical and commercial know-how and experience. They are also fully upto-date on our constantly improving product offer and services. The Pro Artevia™ network is the right partner for Artevia™ projects. Reliable, trustworthy and highly skilled in all aspects of Artevia™ application, they'll add value to your project from conception to completion, guaranteeing you high quality results.

METHOD

RECOMMENDATION

- Artevia TM concrete behaves in exactly the same way as conventional concrete
- Special care is needed for full compaction of the concrete
- The recommended minimum thickness is 80 - 100mm in applications for pedestrian loads and 120 mm for roads of light vehicles
- Can be reinforced with fibers to mitigate any effects of plastic shrinkage
- Do not add any other raw material to Artevia™ Stone, otherwise compromise its features and performance

APPLICATION

- Spread the concrete homogeneously covering the entire surface
- Application of Lafarge curing agent is required to ensure proper finish
- Conduct the joints cut approximately 24h after pouring the concrete
- The mechanical treatment applied to the concrete may start once the strength of the concrete is adequate
- Application of Lafarge sealing agent is required to maintain the pavement in optimal conditions



Readymix Gulf
P.O. Box 52942, Dubai, UAE
Tel: +971 4 3413730 Fax: +971 4 3474552