

Artevia

THE ART OF CONCRETE

Stone



ReadyMix Muscat LLC
Premix LLC
a business partner of Lafarge
Artevia Series is a brand of Lafarge

LAFARGE
Building better cities™

A new concept of nature inspired pavements

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

Applications

- 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

- Taylor made designs for pavements thanks to the wide range of combination and options
- Offer great creative freedom based on the chosen aggregates
- Perfect integration to the environment
- High resistance to abrasion and impact
- Non-slip floor
- Reduce labor and equipment cost
- Resistant to any weather condition
- Reduced labor and equipment cost
- 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

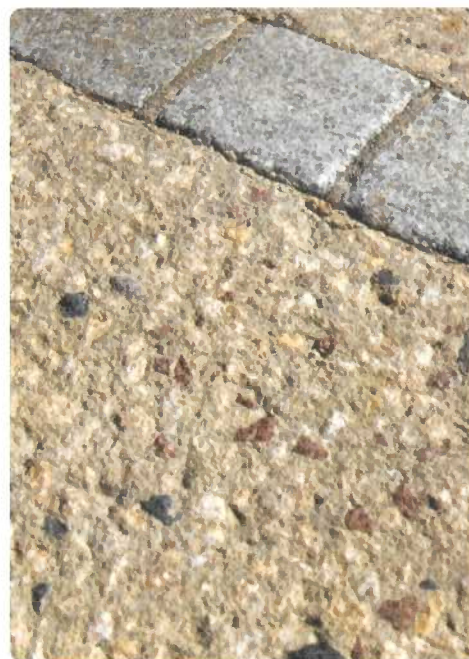
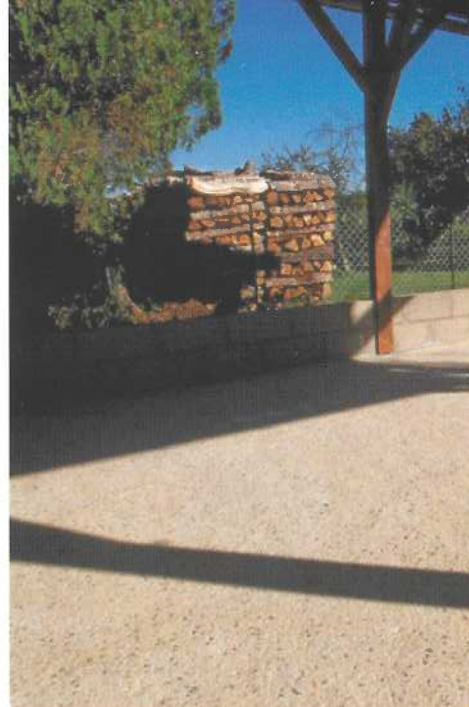
- Artevia™ Stone concrete will behave in exactly the same way as conventional concrete.
- As with all decorative concrete, the Artevia™ Stone paving should be designed with particular attention to joint spacing.
- Protect adjacent areas from possible splashes of concrete.
- Always applied a sealing agent 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.

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 up-to-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.

"We strive to deliver an excellent customer experience through service, quality, accountability and value".

MS DS available on request.



METHOD

Recommendation

- Artevia™ 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 - 100 mm 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

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