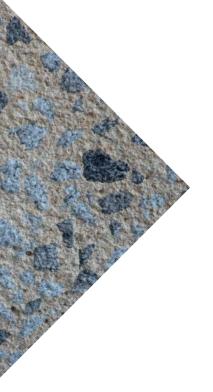
PRODUCT DATA SHEET **CONCRETE** 





# A NEW CONCEPT OF **NATURE INSPIRED PAVEMENTS**

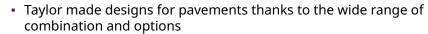
Artevia<sup>™</sup> Stone is a new design of pavements inspired from nature.



### **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**



- Offer great creative freedom based on the chosen aggregates
- Prefect integration to the environment
- A new concept of nature inspired pavements
- Artevia<sup>™</sup> 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<sup>™</sup> 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<sup>™</sup> network of professional applicators is your best choice of partner for your Artevia<sup>™</sup> 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



