COLOR PAVING ADMIX

Ready-mixed multi-purpose powdered admixture used to create architectural road surfaces in exposed aggregate concrete

CLASSIFICATION ACCORDING TO EN 206:2016 STANDARDS
Ready-mixed, multi-purpose Color Paving Admix ensures high durability of surfaces and helps concrete mixes achieve exposure class XF3, as specified by EN 206:2016 standards for this type of use.

WHERE TO USE
Color Paving Admix allows easy-lay, high-strength, highly durable concrete to be mixed with an even, stable-coloured cementitious matrix and a lower risk of cracking.
It is suitable for mixing architectural concrete for:
• pedestrian areas and roads with a low volume of vehicle traffic;
• sidewalks, access ramps and parking areas;
• public parks and gardens;
• piazzas, car-parks, etc.

TECHNICAL CHARACTERISTICS
Ready-mixed multi-purpose powder with polypropylene fibres, super-plasticising and aerating admixtures, metakaolin and colouring oxides (also available in neutral).
Available in 4 standard colours:
– Color Paving Admix neutral;
– Color Paving Admix red;
– Color Paving Admix yellow;
– Color Paving Admix sand.

The concrete mix to which Color Paving Admix is added must comply with the prescriptions in EN 206:2014, according to the characteristics indicated in the technical specifications and application guidelines without modifying its characteristics. Concrete mixed with Color Paving Admix has the following properties:
• lower risk of micro-cracks due to plastic shrinkage;
• higher resistance to freeze/thaw cycles;
• easier to lay without adding extra water;
• even, stable colour in the cementitious matrix.

RECOMMENDATIONS
• The minimum thickness recommended for the layer of architectural finishing concrete with Color Paving Admix is 8 cm for traffic roads and 5 cm for pedestrian areas.
• The layer of architectural finishing concrete with Color Paving Admix must be applied on a suitable substrate designed according to its final use and the loads it will need to withstand. For areas used by vehicles, a concrete substrate reinforced with rebar and/or structural fibres will be required.
• Because this type of surface is made from concrete, the same rules as for any other type of concrete
Loading the mixer truck with the aggregates, sand, cement and around 90% of the mixing water required. Rotate the mixer drum for at least three minutes at the highest speed.

Add the Color Paving Admix after loading the mixer truck at a rate of 25 kg for every cubic metre of concrete. Rotate the mixer drum for at least five minutes at the highest speed.

If necessary, add the remaining 10% of the mixing water to obtain the consistency required (recommended S3 – 14-15 cm slump). Once the mixer truck arrives on site, offload the mix onto the prepared substrate after sprinkling it with water, spread the mix out with a straight-edge using a sawing motion and finish off any areas that are not completely filled with a trowel, or preferably with a plastering trowel.

While laying the concrete, apply Mapewash PO surface set retarder as soon as possible. Apart from delaying setting of the surface of the concrete, this product also provides sufficient protection for the concrete (curing effect) until the washing operations are carried out the following day.

CONSUMPTION
25 kg/m³ of concrete.

Cleaning
Water.

PACKAGING
25 kg paper bag (two 12.5 kg water-soluble bags in each bag).

STORAGE
5 years in its original, closed packaging in a dry area away from damp.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION
Instructions for the safe use of our products can be found on the latest version of the Safety Data Sheet, available from our website www.mapei.com.

PRODUCT FOR PROFESSIONAL USE.

WARNING
Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as
merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

LEGAL NOTICE
The contents of this Technical Data Sheet (“TDS”) may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation.

The most up-to-date TDS can be downloaded from our website www.mapei.com.

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.

All relevant references for the product are available upon request and from www.mapei.com