Classification According to EN 206:2014 Standards

Ready-mixed Color Paving Pronto screed ensures that surfaces are highly durable by helping concrete mixes achieve exposure class XF3, which means they are resistant to freeze/thaw cycles. Surfaces, therefore, will be resistant to colder winters as specified by EN 206:2014 standard for this type of use.

Where to Use

Color Paving Pronto helps to get high-strength, highly durable, easy-lay concrete to be mixed with an even, stable coloured cementitious matrix and a lower risk of cracking. It is suitable for:

- sidewalks, access ramps and parking areas in public and private areas;
- public parks and gardens;
- driveways, small areas used by vehicles, etc.

Technical Characteristics

Ready-mixed, fibre-reinforced, pre-dosed screed made from hydraulic binders, selected crushed or round aggregates, fine sand, various special admixtures, metakaolin and colouring oxides (also available in neutral) according to a formula developed in the MAPEI Research & Development laboratories. Available in 4 standard colours and 2 coarse aggregate sizes:

- Color Paving Pronto D12 - D16 neutral - grey crushed aggregates size 8/12 - 12/16 mm, grey cementitious matrix;
- Color Paving Pronto D12 - D16 red - red crushed aggregates size 8/12 - 12/16 mm, red cementitious matrix;
- Color Paving Pronto D12 - D16 yellow - yellow crushed aggregates size 8/12 - 12/16 mm, yellow cementitious matrix;
- Color Paving Pronto D16 white - white crushed aggregates size 12/16 mm, grey cementitious matrix.

The entire quantity of all types of Color Paving Pronto must be added to the mixer without modifying its characteristics. Add 1.6-2.0 litres of water every bag of product used.

If Color Paving Pronto concrete is mixed correctly by following all the instructions in this Technical Data Sheet and then laid as specified, surfaces will have the following characteristics:

- lower risk of micro-cracks due to plastic shrinkage;
- resistant to freeze/thaw cycles;
- easy to lay;
- even, stable colour in the cementitious matrix.
**TECHNICAL DATA (typical values)**

<table>
<thead>
<tr>
<th>PRODUCT IDENTITY</th>
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<tr>
<td><strong>Aggregates colour:</strong></td>
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<tr>
<td><strong>Colour of cementitious matrix:</strong></td>
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<td><strong>Aggregates size:</strong></td>
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**RECOMMENDATIONS**

- The minimum thickness recommended for the layer of architectural finishing concrete with **Color Paving Pronto** is 5 cm.

- The layer of architectural finish concrete with **Color Paving Pronto** must be applied on a suitable substrate designed according to its final use and the loads it will need to withstand. In pedestrian areas stabilised, compact soil may be sufficient. 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 flooring regarding design considerations, mixing, laying, surrounding temperature, curing times, etc. must be applied.

- Make sure suitable construction and shrinkage joints are included, both in the finishing layer and in the concrete substrate. The joints in the finishing layer and substrate must have exactly the same layout.

- The finishing concrete with **Color Paving Pronto** should be poured using preferably the wet on wet technique onto the concrete substrate. If it is not possible to adopt this technique due to site restrictions or limitations, take suitable precautions to make sure there is good adhesion between the two layers (roughen the surface of the substrate, apply a keying primer, place rebar between the layers, etc.).

- Make sure only the recommended amount of mixing water is added and that all the instructions in this Technical Data Sheet are carefully followed.

**HOW TO USE THE PRODUCT**

Depending on the capacity of mixer available, pour an amount of **Color Paving Pronto** into the drum that will allow the concrete to be mixed correctly. Add 1.6-2.0 litres of water for each bag of product and mix the concrete until it is perfectly blended and has the workability class required (recommended S3 - 14-15 cm slump).

Off-load the mixed concrete into a wheelbarrow and take it to the work area. Pour 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 to the concrete (curing effect) until the washing operations are carried out the following day.

**CONSUMPTION**

With 25 kg it is possible to make 11.2 litres of concrete (88 bags/m³).

**Cleaning**

Water.

**PACKAGING**

25 kg bags.

**STORAGE**

12 months in its original, closed packaging in a dry area away from damp.

This product conforms to the prescriptions of Reg. (EC) N. 1907/2006 (REACH) - Annex XVII, item 47.
SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION
Color Paving Pronto contains cement, which when in contact with sweat or other body fluids may cause an irritant alkaline reaction and allergic reactions to those predisposed. It may damage the eyes. During use, wear protective gloves and goggles and take the usual precautions for handling chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of clean water and seek medical attention. For further and complete information about the safe use of our product please refer to the latest version of our Safety Data Sheet.

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