



PERVIOUS CONCRETE ADDITIVE G02-AA191

Technology Solutions for the Construction Industry

GENERAL INFORMATION

CONSTRUCOLOR®'s G02-AA191 is a modified polymer designed to be used in combination with cement and coarse aggregates (no fines) to create high-porosity permeable concrete with interconnected voids.

When mixed with gray or white Portland cement, aggregates and water in the recommended proportions, CONSTRUCOLOR® G02-AA191 produces a highly workable mix with strong adhesion between aggregates and to the substrate.

It acts as a water-reducing agent, which increases the strength of pervious concrete. It is also compatible with CONSTRUCOLOR®'s B05, B06, B08 and B08 liquid-gel pigments, allowing for colored concrete placements.

Manufactured using cutting-edge technology and high-quality raw materials, CONSTRUCOLOR® G01-AA191 offers excellent performance and durability even under severe environmental conditions.

APPLICATIONS

CONSTRUCOLOR®'s G02-AA191 is formulated to produce high-strength permeable concrete. Applications include:

- Vehicular traffic surfaces: parking lots, roadways, bike lanes, driveways
- Pedestrian areas: plazas, walkways, sidewalks
- Decorative and functional areas: fountains, gardens, pool surroundings, and electrical substations

PERVIOUS CONCRETE ADDITIVE PREPARATION

Basic mix proportions:

Component	% by weight
9.5-12.5 mm gravel	77.63%
Portland cement	17.23%
Water	4.37%
G02-AA191 additive	0.77%
Total	100.00%

The use of other additives is not recommended, except for CONSTRUCOLOR® pigments B05, B06, B07 and B08.

APPLICATION GUIDELINES

Before applying permeable concrete, the area must be properly prepared. This includes compacting the soil and layering gravel to create a uniform and stable surface, as well as ensuring adequate drainage to channel water that will pass through the concrete.

COVERAGE

CONSTRUCOLOR® G02-AA191 is compatible with:

- CONSTRUCOLOR® Acrylic Sealer S02-AA052

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- CONSTRUCOLOR® Liquid-Gel Integral Pigments B05, B06, B07 and B08
- CONSTRUCOLOR® Acrylic Multi-Seal Ink, Stain & Contrast S03-AA258

(Refer to each product's Technical Data Sheet)

PACKAGING

CONSTRUCOLOR® G02-AA191 is packaged in buckets or drums of:

- 20.72 kg pail (sufficient for 1.5 m³ of concrete)
- 207.15 kg drum (sufficient for 15 m³ of concrete)

PRECAUTIONS

The Material Safety Data Sheet (MSDS) is available upon request and provides detailed safety information.

WARRANTY

CONSTRUCOLOR® guarantees consistent quality control in the manufacture of the G02-AA191 Permeable Concrete Additive. All information, recommendations, and suggestions are based on data from controlled tests. However, conditions of use and interpretation of the information are beyond CONSTRUCOLOR®'s control.

Therefore, users must evaluate the product and determine its suitability for their intended applications. CONSTRUCOLOR® makes no express or implied warranties regarding the results.