



GIPIX[®] is a third-generation high-range water-reducing resin for artificial stone, cement plaster and polymer tiles. Its high water-reduction capability increases the long-term flexural and compressive strength of concrete, improves mortar filling characteristics and supports production of denser, higher-quality products.

Applications

- Concrete and mortar with a low water-cement ratio
- Precast concrete products
- Artificial stone, antique stone and façade stone
- Low-water-absorption polymer tiles
- Architectural or exposed concrete
- Improving the filling characteristics of concrete and mortar
- Vibrated wall and floor coverings
- Polymer gypsum products

Approvals / Standards

- ASTM C1017 Type II
- ASTM C494 Type G
- ACI 212.3R-16
- INSO 2930

Advantages / Benefits

- Up to 45% higher concrete strength than conventional concrete at equal consistency
- Up to 40% reduction in mortar mixing water
- Can be used with silica fume, fly ash and other pozzolans
- Accelerates concrete and mortar setting in cold weather
- Enables earlier demoulding
- Increases early strength of concrete and mortar
- High performance at low dosage
- Improves the gloss of polymer tiles and cement plaster
- Improves durability of artificial-stone and tile products

Guideline for Use

Mix GIPIX with water and add it after the cement. Because the resin reduces the mortar water demand, do not add excess water; excess water can cause bleeding and segregation.

Dosage

0.1 to 0.9% by weight of cement. Determine the exact dosage from required water reduction, strength and consistency. Rounded aggregate may reduce dosage, while white cement may increase it.

Storage

+2°C to +35°C; store in dry conditions away from direct sunlight.

Packaging

20 kg plastic can / 1100 kg IBC container

Shelf Life

1 year from the date of production in the original packaging.

Health and Safety

- Do not swallow and avoid contact with the eyes.
- In case of accidental contact with the skin or eyes, rinse immediately with plenty of fresh water.
- If swallowed, seek immediate medical attention.
- Refer to the Material Safety Data Sheet (MSDS).
- Non-flammable.

Basis Of Data

Product Information

chemical_base	Polycarboxylate ether
form_and_color	Liquid / colorless transparent or transparent yellow
density	1.18±0.05 g/cm ³
pH	7±2
chloride_ion	None



RAMKA

CONSTRUCCION CHEMICALS

Tel: (+98)2533557596

Mail : info@Ramkaco.com

1th Floor, Loghman St., Qom, Iran

www.RamkaCo.com

Important Notes: The information, and, in particular, the recommendations relating to the application and end-use of RAMKA products, are given in good faith based on RAMKA's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with RAMKA's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. RAMKA reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.