



IMPAC®

IMPAC® Gral

Integral waterproofing for concrete and mortar

Description:

IMPAC® Gral is a chloride-free integral waterproofing for concrete and mortar. It is a light brown powder that, when added to concrete, reduces its permeability, improves its workability and makes it possible to lower the amount of water used in the mixture.

Uses:

- For all concrete or masonry that is in constant contact with water.
- For foundations and slabs that are in contact with ground-water .
- Waterproofs the concrete that is in constant contact with aggressive water and soils.
- For concrete sewage pipes or pipelines.
- Irrigation water channels, storage tanks, swimming pools, cisterns, planters, bathrooms, floors and walls.

Properties:

- Reduces the permeability of concrete or mortar.
- Plasticizes the concrete mixture and increases its workability.
- Protects constructions from the attack of salts and sulfates.
- Reduces efflorescence.
- Reduces bleeding.
- Decreases the formation of cracks.
- Reduces capillary action.

Storage:

It is recommended to store in a cool and dry place, indoors. Place the bags on a platform to protect them from potential flood.

14 months of duration on its original package.

Warning:

Toxic if swallowed. Keep out of reach of children. Use gloves and protective glasses



Light Brown

Instructions:

IMPAC® Gral must be added dry to the cement, before the water is added, until the components are mixed. For mixing in concrete mixers, incorporate it directly with the materials, then add the water and stir until homogenous.

TYPE OF WORKS	DOSAGE PER 110 lb [50 kg] SACK OF CEMENT	
	kg	lb
Slabs, walls and floors	1.0 kg.	2.2 lb.
Foundations in the phreatic zone	1.5 kg.	3.3 lb.
Wells, swimming pools and tanks	1.5 kg.	3.3 lb.

TEST	VALUE
Appearance	Dry fine granular powder
Colour	Light Brown
Solids	100%
Chloride Content	Nil
Compressive Strength	IMPAC Gral has no particular effect on the compressive strength of concrete or sand/cement mortar
Presentation	20 kg (44 lb)

Update: March/10/2016. These technical specifications replace any previous one up to this date. Visit our webpage www.impactusa.com where you can find the current version. Subjected to changes without notice.