

# DRANITE P

## POWDER WATERPROOF SET ACCELERATOR FOR DRY SPRAYED MORTAR AND CONCRETE APPLICATIONS



**DRANITE P** is a special accelerating and waterproofing powder admixture used to prepare highly resistant dry-sprayed mortar and concrete on rock, concrete, masonry substrates, etc. even in case of high moisture content, water seepage and slight infiltration.

**DRANITE P** makes it possible to produce waterproof, pseudoplastic concrete mixes with minimum waste.

### ADVANTAGES

- ✓ High initial and final mechanical strength, resistance to aggressive chemical environment and reduced concrete permeability due to lower overall porosity of the mix.
- ✓ Faster application; dosage can be adjusted to suit application.
- ✓ Pseudoplastic behaviour requires fewer coating layers.
- ✓ Higher yield/day in square metres of coated substrate.
- ✓ Minimum waste.
- ✓ Hydration heat of cement develops fast and makes it possible to work also at low temperatures.
- ✓ Shotcrete can be prepared with wet aggregates.
- ✓ Low dust formation during spraying.



### IDEAL FOR

**DRANITE P** is ideal for spray application of:

- ✓ Coatings, protective layers, waterproofing and structural overlays in tunnels, underground passages, walls, mines, shafts etc.
- ✓ Repair and protection of river and canal banks, bulkheads, dam walls, tanks etc.
- ✓ Surface consolidation of friable rocky soil on slopes
- ✓ Walls, slabs and reinforced structural vaults; repair of deteriorated structures

### DOSAGE AND USE

Dry mix cement with aggregates, then add **DRANITE P** to the mixture.

## RECOMMENDATIONS

In case of severe water seepage or infiltration through the substrate surface, apply the quick-setting mortar HYDROPLUG to stop water, and, if necessary, divert water through drainage. Setting time may be longer due to low ambient temperature, mix components or use; if work is interrupted, make sure water does not go back into the spray gun, as it may hydrate the mix and cause clogging.

## PACKAGING AND STORAGE

DRANITE P is packed in 15 kg bags.

If stored properly in original, unopened container in a sheltered, dry place, the product maintains its properties for 12 months. Avoid frost and direct sunlight.



## TECHNICAL INFORMATION

APPEARANCE	Powder
COLOUR	White
MAIN ACTION	Set accelerator
CONSUMPTION	3-6 kg per 100 kg cement
HARMFULNESS 88/379/EEC	Irritant
FLAMMABILITY	No
SHELF LIFE	12 months
CUSTOMS TARIFF CODE	3823/40/00

## SPECIFICATIONS ITEM

When work includes dry spraying of concrete (dry process shotcrete application), as it is indicated in these specifications, the set accelerating and waterproofing powder admixture DRANITE P made by DRACO Italiana SpA shall be used. Follow the instructions and recommendations provided by the manufacturer. Upon request, DRACO Italiana SpA will provide technical support.

The indications given in this product datasheet are based on our current scientific knowledge, practical and laboratory experience. Any technical advice given, whether verbally or in writing, about the use or application of our products does not imply the assumption of warranty and/or liability since, depending on the care taken in the application stages, over which we have no control, variations may occur. The customer has the duty and responsibility of verifying the suitability of our products for their intended use and purpose. Our obligation is to ensure the quality and consistency of the products.

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