

# **MAPEI D-Dust**

## **Dust Control Technology**

### **DESCRIPTION**

Dust is becoming an ever bigger topic in the Cement Industry; it causes many different problems in areas such as:

- Relationship with the surrounding community;
- Internal Health & Safety discussions;
- Maintenance issues;

### **CHARACTERISTICS**

A dust deposit is a layer of fine material in powder form on a surface, coming from the cement manufacturing- and/or handling process or from sources outside the cement plant (sand storms etc.), creating problems when factors like heavy traffic or wind blow the material back up in the air.

Continuous dust generation, on the other end, is related to the dust emission from the cement- and clinker manufacturing process.



**MAPEI D-Dust** provides the best available technology for the above described problems. Our products can act in different ways by creating “film” or “coating” on top of the material in case of dust deposits, or make sure dust puff particles are not blown into the air by making the heavier, agglomerate the particles and therewith “immobilize” them.

### **UTILISATION**

**D-Dust** is a water-proof filming agent. Thanks to its accurately selected raw materials and chemical characteristics, it is particularly suitable for the immobilization of dust deposits on all surfaces and the protection of stockpiles.



### CHEMICAL-PHYSICAL DATA

Please refer to the appropriate Safety Data Sheets.

### DOSAGE:

For normal utilization, we suggest a dilution at a 1:5 ratio with water and a dosage between 30 and 80 g per square meter, depending on the required thickness of the layer and the expected lifetime.

In order to create thicker and more resistant layers, the product can be used without dilution at the same dosage.

### PACKAGING

D-Dust 10 is available in 1.000 litre IBC tanks and 200 litre drums.

### STORAGE

D-Dust 10 must be stored at a temperature above 2°C. In normal conditions the shelf life is at least 24 months.

### TECHNICAL ASSISTANCE

The technicians of our Technical Assistance Group are at full disposal of the cement plants in order to optimise the use of our D-Dust technology.

### USAGE PRECAUTIONS

PRODUCT FOR PROFESSIONAL USE ONLY.

### WARNING

*N.B. – Although the technical details and recommendations contained in this product report 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 applications: 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.*

### REACH

Mapei Cement Additives are fully REACH-compliant.

### CUSTOMS TARIF

38244000



Image 1: blank sample – after compressed air jet



Image 2: treated sample – after compressed air jet

**C-ADD MAPEI**  
CEMENT ADDITIVES DIVISION

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