

# ADDITIVE MELT&STOP

POWDER ADDITIVE FOR PREPARING CASTABLE CONCRETE
FOR FILLING ROAD EXCAVATIONS AND TRENCHES

CHARACTERISTICS	ENVIRONMENTAL		METHOD OF USE	PRECAUTIONS
A		3		
ONE-COMPONENT	ECO GREEN	RECYCLABLE	MIX MECHANICALLY	STORAGE: In a dry place

# PROBLEM FILLING EXCAVATIONS, CHASES AND TRENCHES



Filling excavations, chases and trenches requires a castable mortar with a low elastic modulus that is easy to lay.

### SOLUTION

**ADDITIVE MELT&STOP** is a powder additive for mixing highly workable special fluid concretes allowing quick and easy laying. By slightly varying the water used in the mix, the special rheology makes it possible to work on flat surfaces without using vibrators or on a slope using vibrators.

## **APPLICATION FIELDS**

**ADDITIVE MELT&STOP** is used to fill excavations and chases of various types on pavements and roads.

### **ADVANTAGES**

- Excellent workability
- Easy to apply
- Versatile to use

## **METHOD OF USE**

#### • SURFACE PREPARATION

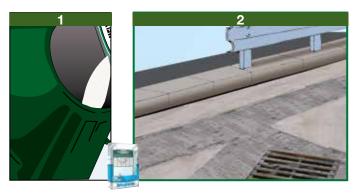
Remove any disjointed parts, dust, oil and dirt in general and wet the surface without creating films of water.

#### MIX PREPARATION

The mixing is performed in the concrete mixing plant and does not require any special precautions (1). It is recommended to add the additive before the cement but for different production requirements it can also be

added after. For very high temperatures, the lifetime of the mix can be extended using INDEXRETARD. With low temperatures the concrete can be hardened more quickly using ANTIPOLAR.

It can be mixed in a cement mixer, with a screw mixer or with a drill for small amounts, putting 2/3 of the water in first and then the powder and mixing for a maximum of 3 minutes. Avoid letting excess air into the mix.



#### Mix ratio:

- Aggregate 1 m<sup>3</sup> (4-8 mm gravel and 8-20 mm gravel)

- Bonding agent: Cement 32,5 250 kg

- Additive: **ADDITIVE Melt&Stop** 12,5 kg

 Water: 180-240 L (according to the application and the humidity of the aggregate)

#### APPLICATION

The concrete with the additive is poured in a continuous flow into the excavation to be filled, letting the air out (2). The use of a vibrator is recommended for applications on sloping roads reducing the water in the mix, whereas on flat roads is it optional. The mortar must be protected from heat, cold and stress throughout the hardening process.

#### • COVERAGE

Consumption: 12,5 kg/m<sup>3</sup>

#### • PRECAUTIONS

• The mortar must be protected from heat, cold and stress throughout the hardening process.





Pu./dig. - 500

TECHNICAL CHARACTERISTICS					
	Standard	ADDITIVE MELT&STOP			
Appearance		Powder			
Colour		White - Red			
Maximum granulometry		0÷0.1 mm			
Apparent density		1.10 kg/L			
Storage in original packaging in a dry place		12 months			
Mix properties and workability	Standard				
Workable mix duration (*)		approx 2 hours			
Application temperature		+5°C ÷ +35°C			
Waiting time - before road can be used		after 12 hours			
Spreading of the mix	EN 13395-1	160 mm (without vibrations)			
Performance characteristics	Standard	Product performance			
Thermal resistance - Operating temperature		−30°C ÷ +90°C			
Fire reaction	EN 13501-1	A1			

Condizioni di prova: temperatura 23±2°C, 50±5% U.R. e velocità aria nell'area di prova <0,2 m/s. I dati espressi possono variare in funzione delle specifiche condizioni di cantiere: temperatura, umidità, ventilazione, assorbenza del fondo.

## **PACKAGING**

25-kg-Sack

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE • IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS •



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<sup>(\*)</sup> I tempi espressi sono più lunghi o più corti con la diminuzione o l'aumento della temperatura.