






ADDITIVE MELT&STOP

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



CHARACTERISTICS	ENVIRONMENTAL		METHOD OF USE	PRECAUTIONS
				
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 ³
(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/m³

• PRECAUTIONS

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



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, assorbimento del fondo.

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

the numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Considering

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 •

 <p>Construction Systems and Products</p> <p>Via G. Rossini, 22 - 37060 Castel D'Azzano (VR) - Italy - C.P.67 Tel. (+39)045.8546201 - Fax (+39)045.518390</p>	<p>Internet: www.index-spa.com Informazioni Tecniche Commerciali tecom@indexspa.it Amministrazione e Segreteria index@indexspa.it Index Export Dept. index.export@indexspa.it</p>		<p>TOTAL QUALITY index</p>  <p>UNI EN ISO 9001</p>	<p>Environmental Management Systems index</p>  <p>UNI EN ISO 14001</p>	 <p>index socio del GBC Italia</p>	
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