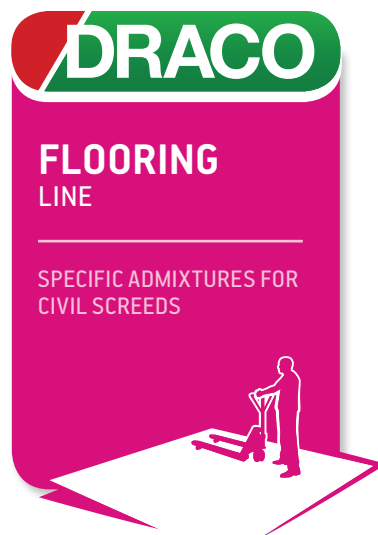
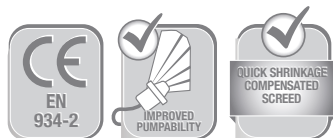


ADDITIVO TERMICO VHF I 10

PLASTICIZER SPECIFICALLY DESIGNED
FOR CONDUCTIVE SCREEDS



ADDITIVO TERMICO VHF I 10 is a plasticizer based on synthetic polymers with high molecular weight and is specifically designed for conductive screeds. Thanks to its high dispersing power and the effective synergy of its components, **ADDITIVO TERMICO VHF I 10** enhances the hydration of cement and thus increases the initial and final strength of the screed, the air expulsion and the densification of the screed microstructure while increasing its thermal conductivity and reducing shrinkage.

BENEFITS

ADDITIVO TERMICO VHF I 10 is a plasticizer specific for heated screeds. Specific product features:

- ✓ Excellent workability during the mix preparation using a minimum amount of water for hydration.
- ✓ Increase in tensile and compressive strength.
- ✓ Improvement of the conglomerate microstructure with increase of thermal conductivity between screed and heat pipe.
- ✓ Full compatibility with plastic and metal heat pipes. It improves dimensional stability by reducing the drying shrinkage, making it possible to lay reduced thickness screeds.



AREAS OF APPLICATION

ADDITIVO TERMICO VHF I 10 is a plasticizer ideal:

- ✓ to be added to sand-cement substrates to be laid on low thermal inertia underfloor heating systems.
- ✓ to be used for mechanized laying using mixer trucks.

APPLICATION

HOW TO USE

Optimal dosage: 0.8 -1.5 kg of **ADDITIVO TERMICO VHF I 10** per 100 kg of cement. Excellent performances can be achieved by adding the product to the cement already wetted with at least approx. 80% of the water requirements of the mix. Do not add the plasticizer to the dry aggregates or cement since this would cause a performance degradation due to the absorption by the aggregates.

Workability over time

The use of **ADDITIVO TERMICO VHF I 10** allows to maintain the mix workability for a period ranging from 1 to 2 hours (+20°C) depending on the cement type and dosage, the quantity of product used and the room temperature. The loss of workability takes place gradually.

© Copyright 2012 - Tutti i diritti sono riservati - Le indicazioni contenute nella presente scheda tecnica rispondono in modo reale e veritiero alle nostre migliori ed attuali conoscenze - In funzione dell'accuratezza delle diverse fasi di posa in opera sulle quali non abbiamo alcuna responsabilità, possono verificarsi delle variazioni. La nostra garanzia si limita pertanto alla qualità e costanza del prodotto fornito di cui alle indicazioni stesse. La presente edizione annulla e sostituisce le precedenti.

PACKAGING AND STORAGE

ADDITIVO TERMICO VHF I 10 is packaged in:

- 10 and 20 kg cans

Heat **ADDITIVO TERMICO VHF I 10** and mix it again before use if the product is exposed to temperatures below +5°C. If the product is stored properly in its original packaging, indoors in a dry location, it maintains its original features for one year. Avoid storing the product under direct sunlight and at temperatures above +35°C.

PRODUCT FEATURES

APPEARANCE	Liquid
COLOUR	Straw yellow
SPECIFIC GRAVITY	1.05 kg/l
CLASSIFICATION	UNI EN 934-2 / ASTM C 494 Type G
MAIN ACTIONS	W/C ratio reducer Binder densifier and shrinkage-reducing agent
SECONDARY ACTION	It maintains workability over time
HARMFULNESS - CLP 1272/2008	None. See relevant Safety data sheet
FLAMMABILITY	None
CONSUMPTION	0.8÷1.5 kg per 100 kg of cement
STORAGE	12 months if stored properly

Legal notice - SLCMP version dated 01.03.2017

In the technical specifications herein, Draco Italiana s.p.a. used the indicators therein specified, with the relevant standards.

Please check if this Sheet and the figures therein contained apply to the product batch you are interested in or if they have been overridden by any later release. If in doubt, check whether this Sheet matches the one applicable at the time of finalising the sales agreement, at www.draco-edilizia.it, and/or contact our Engineering Department.

No advice provided by our staff, either verbally or in writing at your request, about the potential applications of the Products shall be binding under the sales agreement or shall be considered an integral part of the agreement. Such advice is based on our experience and on the best available practical and/or scientific knowledge; as such, it shall not be binding or conditional on the buyer or user. Please try our products first to find out whether they are fit for your intended use or application; in any case, you shall be solely responsible for your choice.