



HERATECH FLASH

Very fast setting cementitious mortar for fixing hinges, shelves, electrical boxes, railings, etc. indoors and outdoors.



TECHNICAL FEATURES

HERATECH FLASH is a thixotropic cementitious mortar with super-fast setting and hardening, based on special cements with high mechanical resistance, selected aggregates with controlled granulometry and special specific additives. **HERATECH FLASH** mixed with water gives life to a mixture that is easy to use and very fast setting. **HERATECH FLASH** is particularly suitable for all jobs that require high speed of execution and implementation and, once the setting is complete, it reaches very high mechanical strengths.

FIELD OF APPLICATION

HERATECH FLASH is used to perform quick fixings of all kinds on horizontal or vertical surfaces and is particularly suitable for:

- Wall fixing of elements of electrical systems such as junction boxes (sockets and switches), sheaths, pipes, etc. ;
- Installation of counter frames, doors and windows, profiles, corner protectors;
- Closure of traces of electrical and thermo–sanitary systems;
- Fixing of poles, metal fences, railings.
- Restore missing parts of masonry;
- Crack grouting;

HERATECH FLASH must not be used on gypsum, canary seed, anhydrite or similar.

PREPARATION OF THE SUBSTRATE

The substrates must be free of friable parts, dust, oils, greases or other substances that limit the adhesion of the product. The seats prepared for fixing must be suitably mechanically roughened and wet to excess with water, avoiding however stagnation. This last operation must be carried out with care especially if the substrates are very absorbent or if exposed to the direct action of the sun.

MIX PREPARATION

Add approx. 20% by weight of clean water, mix vigorously for about 1 minute, until a plastic, lump–free mortar is obtained. Due to the high speed of the product, only quantities must be prepared that can be applied in the following 1 or 2 minutes.

APPLICATION

HERATECH FLASH is applied with a trowel or smooth steel trowel.

- For the installation of false frames and fixtures, after having positioned them, seal the anchoring brackets and finish with a trowel. Keep the subframe or the window frame immobile for a few hours and then remove the locks.
- For fixing anchors, hinges, tie rods etc. completely fill the suitably prepared seat with **HERATECH FLASH** and then insert the hinge, clamp or tie rod. Finish the surface with a trowel.
- To stop light infiltrations of water after preparing the mix, wait a few moments before applying until the material begins to heat up. At this point insert **HERATECH FLASH** in its seat and keep it pressed until the end of the grip.

When the product is completely hardened, to obtain a smooth finish, the cementitious smoothing compounds from our range can be applied.

CLEANING

The tools used for laying must be cleaned with water before the mortar hardens; subsequently, cleaning can only take place by mechanical removal.

ITEM OF SPECIFICATIONS

The fixing of fixtures, railings, armored doors and other details, must be carried out with an ultra–fast setting mortar such as **HERATECH FLASH** from **HERAKEM SRL**



WARNINGS

- Do not add lime, gypsum or other foreign substances to the mix.
- At an ambient temperature of about 20 ° C, no particular precautions must be taken, while in the hot season it is advisable not to expose the material to the beating sun and to use cold water to prepare the mix.
- On very sunny or windy days after application, keep the surface moist during the first hour of hardening.
- At low temperatures it is advisable to use water at 20 ° C and to store the material in heated rooms as the onset of setting and hardening may be delayed.
- To fill large cavities, on vertical surfaces, carry out the work in several cycles.
- Do not restore the initial workability by adding further water during the setting phase of the product.
- Do not mix with excessive quantities of water as the mechanical resistances, especially the initial ones, are lowered.
- Avoid application at temperatures below + 5 ° C, in the presence of strong wind, rain and in direct sunlight. During the summer, the temperature during application should not exceed 35 ° C.

TECHNICAL DATA *(at +22±1°C and 55±5% R.H.)

Appearance	powder	Setting time	2 ÷ 3 minutes
Color	gray	Workability time	1 ÷ 2 minutes
Density of the powder	1300 kg/m ³	Waiting time between layers	5 minutes
Flammability	Class A1	Consistency	Thixotropic
Customs heading	38245090	Compressive strength after 28 days	> 35 MPa
Mixing ratio	4.8-5.0 l of water every 25 kg	Resistance to solvents and oils	Mediocre
Density of the mix	1900 kg / m ³	Resistance to acids and alkalis	Fair
Application temperature	from + 5 ° C to + 35 ° C	Storage	12 months in original dry packaging

Consumption	approx. 1.8 ÷ 2 kg for a cavity with a volume of 1 liter	Packaging	25 kg bag
--------------------	---	------------------	------------------

PRODUCT FOR PROFESSIONAL USE ONLY

All the data and indications given in this technical data sheet, although resulting from laboratory tests carried out and from our direct application experiences, due to the infinite number of variables linked to the construction site conditions, are to be considered, in any case, purely indicative. Therefore, before applying the product, the user is required to establish whether it is suitable for the use envisaged by him, in the specific hygrothermal and application conditions foreseen at the time of use and, in any case, he assumes all responsibility for it. We are not liable for damage to people or things deriving from improper use of the product. We reserve the right to modify the data contained therein as a result of improvements and technical progress.