

All Benfer products are in full accordance with European regulations, in particular, the regulations governing the conformity of products in regards to directive EEC 89/106.

Conformity with directive EEC 89/106 is mandatory for some types of construction materials, and particularly for floor and wall covering adhesives, screed and premixed plasters.

These construction materials must bear the CE marking on their packages in order to be sold in the European Community.

In order for the packaging to bear the CE marking, the manufacturer must possess a declaration of

conformity to reference standards and must demonstrate having met said standards by means of specific testing.

The raw materials, the production processes and the products in question must also be controlled according to a plan with periodical tests defined by law.

Therefore, conformity with directive EEC 89/106 ensures the quality of the products and their suitability for the manufacturer's indicated applications.

Some of the standards pertinent to our production and a practical classification of some products with regards to these standards can be found below.

ADHESIVES FOR CERAMICS

Regulation EN12004

This regulation establishes the testing criteria and methods for the classification of ceramic floor and wall covering adhesives and related materials. It divides the adhesives into 3 categories differentiated by a letter of the alphabet:

C cementitious

Cement-based powder adhesives to be mixed with water or other appropriate liquids at the moment of use in the construction site.

D dispersion

Synthetic polymer-based paste adhesives in water dispersion. These are ready for use.

R reactive

Adhesives made up of two or more compounds that must be mixed at the moment of use in the construction site.

For each of these three categories, there are two distinct classifications based on resistance test results:

class 1

Normal adhesive, which reaches the minimum required resistance levels in all tests.

class 2

Extra-strength adhesive with a higher resistance than that required by Class 1.

The regulations also specify additional characteristics that Class 1 and 2 adhesives can have. These characteristics are as follows:

E Extended open time

T Slip resistant

F Fast setting



Regulation EN 12002

This regulation establishes (among other things) the test criteria and methods for the classification of floor and wall covering adhesives in ceramics and similar materials based on their deformability.

These are divided into two groups:

S1 Deformable adhesives. Adhesives that reach deformability of $\geq 2,5$ mm in specific tests.

S2 Highly deformable adhesives. Adhesives that reach deformability of ≥ 5 mm in specific tests.



Regulation EEC 89/106

This regulation establishes (among other things) that our adhesives for flooring and coverings meet the minimum testing requirements in compliance with EN 12004 and that the raw materials, the production processes, and the finished product are subject to a control plan, including specific testing and periodicity.