

BENFERGYPS

SPECIAL ADHESIVE FOR LAYING PORCELAIN STONWARE AND CERAMIC TILES ON PLASTER SUB-BASES, DRYWALL, SCAGLIOLA OR ANHYDRITE WITHOUT PREVENTATIVE PRIMER APPLICATION.

GOOD FINAL RESISTANCE AND EXTENDED OPEN TIME. FOR INTERIORS.



TECHNICAL FEATURES:

Benfergyps is a powder adhesive suitable for laying interior wall and floor coverings on sub-bases in plaster, drywall, scagliola or anhydrite.

It contains high resistance cements, choice granulometry, synthetic resins and special additives.

Benfergyps has a special formula that creates tixotropic adhesive that is easily applied to wall and floor coverings that do not require a preventative application of primer, also in the abovementioned cases.

FIELDS OF APPLICATION:

For sub-bases in plaster, plaster drywall, scagliola or anhydrite: installation of interior wall and floor coverings in porcelain stoneware, ceramics and natural stone (if not humidity sensitive) with dimensions up to 1.600 cm².

On reheated screed in anhydrite: Installation of floors in porcelain stoneware and ceramics with dimensions up to 1.600 cm².



PREPARATION OF THE MIXTURE:

Mix **Benfergyyps** with 26% clean water calculated according to the powder weight, making sure to always pour the powder into the water and not vice-versa, until obtaining a shiny, plastic, homogeneous paste. Let it stand for 10 minutes, then briefly remix. The adhesive is ready for use and remains workable for 4 hours. The mixture can be mixed by hand or by a machine, as long as the machine has a low rotation per minute setting.

LAYING THE TILES:

Lay the tiles by exerting steady pressure in a way that the contact with the adhesive results at least equal to 80% of the surface of the tiles for wall coverings, and 95-100% for floors.

Under normal conditions, the 'open time' of **Benfergyyps** is approximately 20 minutes, and the correction time is 30 minutes. Under difficult conditions, however, these intervals can be notably reduced and it is necessary to verify frequently that the adhesive spread on the wall has not formed a superficial film, and if so, it must be eliminated by passing over the area with a spatula. Avoid laying tiles when there is danger of freezing. In fact, in the 48 hours following the laying of tiles, a temperature that goes below 0° would freeze the water contents of the mixture and cause an increase in the volume and subsequent separation of the wall and floor coverings. The floors are walkable with caution after 24 hours in the summer and after 48 hours in the winter; they are completely set after 14 days. The grouting of the joints must be executed at least 24 hours after the laying of the tiles.

COVERAGE:

This depends on the state of the sub-base and the type of spatula used. With a smooth sub-base and an adhesive layer of 5-6 mm, wear is 3-4 kg/m² and increases by 0,5-1 kg/m² in case of rough sub-bases.



CLEANING:

The tiles can be cleaned using a damp cloth or sponge when the adhesive has begun to set, and can be done with more force and water only several hours after they have been laid.

PACKAGES:

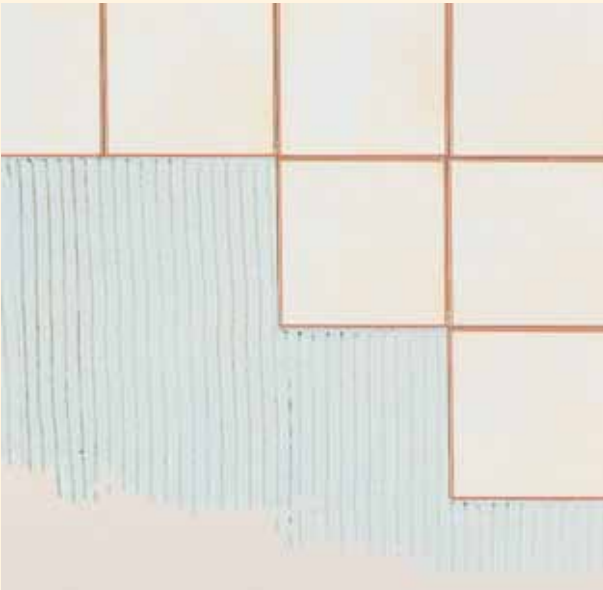
Benfergyyps is packaged in poly-coated paper sacks of 20 kg; it is supplied in pallets of 1,120 kg.

CONSERVATION:

In its original closed package in a dry cool place.

DURATION:

12 months.

**PRODUCT TECHNICAL DATA**

APPEARANCE	WHITE POWDER
CONSERVATION	IN THE ORIGINAL CLOSED PACKAGE, IN A COOL DRY PLACE
DURATION	12 MONTHS
DANGER OF HARM	NO POSSIBLE IRRITATION OF THE EYES AND SKIN FOR CONTACT DUE TO THE CEMENT CONTENT. ADEQUATE PROTECTION IS RECCOMENDED.
FLAMMABILITY	NO
MIXING RATIO	26 PARTS WATER WITH 100 PARTS POWDER BY WEIGHT
LIQUID MIXTURE	5,2 LITERS PER 20 KG SACK OF POWDER
CONSISTENCY	DOUGHY
MAXIMUM APPLICATION DEPTH	10 MM
COVERAGE	FROM 3 TO 5 Kg/m ²
APPLICATION TEMPERATURE	FROM + 5°C TO + 35°C
MIXTURE POT LIFE	4 HOURS
OPEN TIME AT 23°C AND 50% HUMIDITY	20 MINUTES
WALKOVER TIME WITH CAUTION FOR GROUTING	
ON DRY SUPPORTS AT 23°C	24 HOURS
FINAL HARDENING ON DRY SUPPORTS	14 DAYS

FINAL PERFORMANCES

	VALUE	MINIMUM REQUIREMENT
INITIAL TENSILE ADHESION STRENGTH 28 DAYS	≥ 0,5 MPa	≥ 0,5 MPa
ADHESION AFTER WATER (7 DAYS + 21 DAYS IN WATER)	≥ 0,5 MPa	≥ 0,5 MPa
CONFORMS TO	EN 12004 CLASS C1	

data collected at 23°C and 50% of r.h.

PLEASE NOTE: The data and information contained herein are dictated by our best results, and are purely indicative and must be verified by the user of the product who assumes complete responsibility for its use.