

524/5.99

® PLANITEX A

GYPNUM-BASED ADHESIVE AND SMOOTHING COMPOUND

WHERE TO USE

- Installation of, and filling joints in, gypsum walls and gypsum block.
- Filling joints between gypsumboard panels to obtain an especially smooth surface finish.
- Smoothing gypsum-based renders provided they are solid and free of paint, and of cement-based renders provided they are first treated with PRIMER G.
- Bonding gypsum plaster moulding and decorative elements on walls and ceilings.
- As an additive to retard setting of normal gypsum mixes.

TECHNICAL CHARACTERISTICS

PLANITEX A is a white powder composed of gypsum and special additives manufactured according to a formula developed in the Mapei research laboratories.

When mixed with water, PLANITEX A forms a thixotropic paste with high adhesion that is easy to apply and hardens quickly, in 15 to 60 minutes, depending on temperature and thickness.

PLANITEX A hardens without shrinkage and therefore without cracking or crazing in thicknesses up to a maximum of 10 mm.

Surfaces smoothed with PLANITEX A are ready to receive any type of textile covering, resilient materials (PVC, linoleum, cork, etc.), wall paper and ceramic tiles.

When planning to install ceramic tiles with a cement-based adhesive over PLANITEX A, first apply a coat of PRIMER G.

RECOMMENDATIONS

- Do not mix with more than the recommended amount of water and do not add extra water to the mix once it has begun to set.

TECHNICAL DATA

PRODUCT IDENTIFICATION	
Consistency:	powder
Colour:	white
Apparent specific gravity:	0.65 g/cm ³
Dry solid content:	100%
Storage:	12 months in a dry place in original sealed packaging
Health hazard/EC 88/79 and subsequent modifications:	no
Inflammability:	no
Customs class:	2520 20 10
APPLICATION DATA	
Mix ratio:	100 parts by weight PLANITEX A with 53-55 parts water
Thickness of application per coat:	10 mm
Specific gravity of mix with water:	1.35 g/cc
pH of mix:	8.8
Application temperature:	from +5°C to +35°C
Open time:	50 min.
Setting time:	90 min.
Waiting time before bonding materials:	24 hours
FINAL PERFORMANCES	
Resistance to compression:	
– after 7 days:	60 N/mm ²
– after 28 days:	100 N/mm ²
Resistance to flexion:	
– after 7 days:	4.5 N/mm ²
– after 28 days:	6.0 N/mm ²
Resistance to abrasion: TABER abrasion test (H-22 disk-550g-200 rev. Expressed as loss in weight):	0.9 g

- Do not use for exteriors and on walls subject to constant humidity (basement walls over ground, etc.).
- Do not add cement or lime.
- Do not use at temperatures under +5°C and over +35°C.

HOW TO USE

Preparing the substrate

The substrate must be dry, solid, free of dust, loose particles, oil, grease and other materials which might interfere with bonding.

Cement-based substrates must first be treated with PRIMER G. Very absorbent gypsum renders must be treated with PRIMER G diluted 1 to 3 with water.

Preparing the mix

Pour a 17-kg bag of PLANITEX A into a receptacle containing 9 litres of clean water, mixing with an agitator. Mix until a homogeneous, lump-free paste is obtained. The mix has an open time of approx. 60 minutes at a temperature of +23°C.

Applying the mix

Apply PLANITEX A with a straight-edged trowel held at a slight slant to obtain the desired thickness: max. 10 mm.

Cleaning

While still wet, PLANITEX A can be removed from hands and tools with water.

CONSUMPTION

Approx. 1.1 kg/m² of PLANITEX A per mm of thickness.

PACKAGING

PLANITEX A is available in 17-kg bags.

STORAGE

PLANITEX A is stable for 12 months if



stored in a dry place in its original sealed packaging.

WARNING

N.B. Although the technical details and recommendations contained in this report correspond to the best of our knowledge and experience, all the above information must, in every case be taken as merely indicative and subject to confirmation after long-term practical applications; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

N.B. FOR PROFESSIONAL USE ONLY

MAPEI QUALITY SYSTEM



MAPEI - ITALIA



MAPEI - FRANCE



MAPEI INC - CANADA



MAPEI KTF - HUNGARY



BUILDING THE FUTURE