

Technical qualities

LIMECOAT by Mutina is a special protective coating for LIMETOUGH with a transparent colourless finish. The product is based on silicone/siloxanic resins in water dispersion which allows the product to penetrate deep into the substrate creating a water-repellent barrier, which maintains the level of vapour permeability and leaves the aspect of the substrate unaltered. It can also be used on brickwork, grès, tiles, stone and cement or lime-based plasters. It has a low odour level, is non-flammable and is friendly to both humans and the environment.

Ideal use

Interior walls of humid environments, especially when subject to dirt such as bathrooms or kitchens, when LIMETOUGH by Mutina has been applied.

Surface preparation

Clean the surface to be treated, removing any loose or flaking material, dust, smog or dirt using a brush or by washing the surface. New surfaces must be thoroughly dry and mature with no presence of grease or lubricants.

Storage conditions

Keep the product only in the original container. Keep the container close, in a well ventilated location, away from direct sunlight

Safety information

The product is free of heavy metals such as lead or chrome. It does not contain toxic solvents, aromatics or chlorides. There is no risk of any dangerous polymerisation. The product is considered to be a nondangerous substance if used in the technically correct manner. Normal cautionary measures for the handling of water based paints are advised. No special arrangements are required for

The application

Yield	11÷13 m ² /l in two or three coats (apply 7 days after the application of LIMETOUGH by Mutina) wet on wet.
Dilution	Ready to use
Application tools	Brush
Application temperature	+5°C - + 36°C (with relative humidity not exceeding 80%)
Drying time until touch dry	30 min (temperature=20°C with relative humidity at 75%)
Total drying time	24 h (temperature=20°C with relative humidity at 75%)
Tools cleaning	Water

The product

Composition	Siliconic/siloxanic resins in water dispersion, preservatives and additives to aid application Siliconic/siloxanic resins in water dispersion, preservatives and additives to aid application.
Specific weight	1kg/l ±3%
pH	6,5 ÷ 7,5
Viscosity	50 ±5% CPS Brookfield (RVT 20 revs/min. at 25°C)
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Reaction to fire	Negative when applied onto a non flammable surface: water based material with dry thickness of less than 0,600mm
Water absorption	W24 0,01kg/m ² . h0,5 DIN 52 617 (max allowed limit 0,5 kg/m ² . h0,5 DIN 52 617)
Vapour permeability Sd	Sd: 0,05m (max allowed limit 2m DIN 52 615)
Resistance to washing	In compliance to DIN 53 778: resistant at least 1000 abrasive cycles
Resistance to abrasion	In compliance to DIN 53 778: resistant at least 5000 abrasive cycles
Adhesion	Conforms to the norm DIN ISO 4624
Emission limits of Volatile Organic Compounds (VOC), according to directive 2004/42/CE	Classification: A/h VOC: 20g/l (max) Limit Phase II (dal 1.1.2010): 30g/l
Colour	Trasparent, colourless
Packaging	1L bottle

the storage, movement and transportation of the product; the containers, residue, eventual spilt material should be cleaned up using absorbent inert material such as sand, soil etc. etc. and then disposed of in accordance with the regional and national regulations in force at that time. Transportation must be carried out in accordance with international agreements.

Specifications

Clean the surface to be treated removing any loose material, dust or dirt. Apply two or three coats of a protective siliconic/siloxanic coating such as LIMECOAT by Mutina, undiluted, only after 7 days from application of LIMETOUGH. All must be carried out in accordance with the norms of application, at a cost of..../sqm inclusive of materials and labour.