

3:1 TANKING MIX

Larsen 3:1 Tanking Mix is a premixed waterproofing render which provides a highly effective damp-proof render used to waterproof new or existing brick structures. It consists of portland cement, specially selected aggregates and our crystal growth waterproofing additives.

The special crystal growth waterproofing additives combine with free lime and moisture to form insoluble crystalline material which blocks the capillaries and hairline cracks to prevent water ingress while still allowing the passage of water vapour to allow the structure to breathe. 3:1 Tanking Mix is suitable for use on new or existing brick structures and contains no harmful or corrosive substances that will attack steel reinforcing - chloride free.

WATERPROOF
VAPOUR PERMEABLE
EASY TO APPLY
HAIRLINE CRACKS SELF-HEAL
IDEAL FOR RENOVATING BASEMENTS

TECHNICAL INFORMATION

FORM: Grey Powder

WORKING TIME: 30 minutes at 20°C

MIN. APPLICATION TEMP: 5°C
Low temperature application will retard development of mechanical properties.

MIN. APPLICATION THICKNESS: 9 mm
(per coat)

DENSITY: 1.9 kg/litre

COVERAGE: 25 kg/ 1.5m² @ 9mm , i.e. 1 bag will cover 0.75m² in two coats

DIRECTIONS FOR USE:

PREPARATION

All surfaces must be clean and sound. Any curing agents, surface hardeners or coatings must be removed prior to the application of Larsen Tanking Mix. All brick surfaces must have the mortar joints raked out to a depth of 12mm and be mechanically abraded to give a good key. Cut and make good any cracks and refix any loose bricks. Any leaks should first be stemmed with Leak Plug.

PRIMING

Before the application of Larsen Tanking Mix, soak substrates with clean water, then remove all standing water. Larsen Tanking Mix must never be applied to a completely dry surface.

MIXING

Mix approximately 4 - 4.5L water with a 25kg bag of Larsen Tanking Mix. Mix using a slow speed drill and paddle. The mix should be used within 30 minutes after which time it will start to thicken. On no account should additional water be added to restore workability.

APPLICATION

Apply the first coat to a minimum thickness of 9 mm using a trowel. Finish with a scratch surface to form key for second coat. Apply the second coat as soon as the first coat has set. If this is not possible (and the first coat has fully dried out) it must be thoroughly soaked and keyed with a splatter coat of Larsen Tanking Mix before application of the second coat. The second coat should be the same thickness as the first, but finished with a wooden float to compact.

PAINTING & DECORATING: Wait 7-14 days to allow the Larsen Tanking Mix to dry. Use cement based plasters where possible if a gypsum based plaster is used, use a Larcem 25 bonding coat. After drying a matt emulsion is recommended; avoid use of decorative finishes which are impermeable to water vapour.

CLEANING

All cleaning can be carried out with water while the material is still soft.

STORAGE

3:1 Tanking Mix should be stored in closed containers protected from extremes of temperature.

SHELF LIFE

6 months in unopened manufacturer's containers.

PACKAGING

25kg packs.