



FIELD OF USE FOR 4th DIVISION PRODUCTS

COLLASEAL

LATEX ADDITIVE FOR IMPROVED BONDING AND ADHESION OF MORTARS AND PLASTERS

PROBLEM

There are often problems of bonding and adhesion when dealing with different types of mortar on various plastering and restoration applications. This may be due to the surface being too smooth or too crumbling or simply old and inconsistent. A thorough cleaning of the surface is sometimes not enough to ensure the adhesion of the new mortar. In these cases it will be safe to use COLLASEAL to encourage bonding.

DESCRIPTION

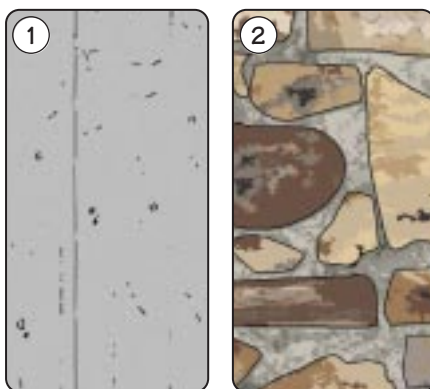
COLLASEAL is a modifier containing resins dispersed in water which are flexible, mechanically resistant and are more adhesive than traditional types.

FIELDS OF USE

COLLASEAL is used:

- In the preparation of patching mortar when applying thin layers.
- To improve adhesion and impermeability of waterproofing plasters including "OSMOSEAL" osmotic cement .
- To improve adhesion and limit fissures in mortars applied underneath flooring.
- To make up mortars to be used for restoring cement plasters or plasters containing damp-proofing lime .
- To improve the bonding of renders on surfaces which are not sufficiently rough.
- In general it can be used in all cases in

which surface adhesion could result difficult or on surfaces which are very smooth or crumbling.



1. Concrete surface.
2. Old masonry

PRECAUTIONS

- Use COLLASEAL between +5°C to +40°C.
- Keep the mortar damp for a couple of days when temperatures are high.

- Apply general rules regarding composition and application of mortar and concrete.
- Store the product at temperature no lower than + 5 °C.
- It will be damaged by frost.
- Do not use COLLASEAL undiluted as primer or adhesion bridge

SAFETY REGULATIONS

- While mixing the product, protect lungs with suitable mask.
- Protect hands with gloves and the eyes with goggles.
- Adequately ventilate the workplace.
- In case of contact with the eyes and skin, wash thoroughly and immediately with water.
- Keep the product out of the reach of children.

METHOD OF USE

SUBSTRATE PREPARATION

Clean the surface thoroughly, removing dirt, dust, efflorescence, oils and grease. Surfaces must be solid, compact and clean.

MIX PREPARATION

COLLASEAL is diluted with water in the recommended ratio depending on the application for which it is being used,

before being mixed with the dry cement mixture and inert material.

The mixture ratio between COLLASEAL with water is in general 1:3, but it can also be used in 1:2 or 1:1 depending on the foundations.

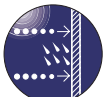


Mix preparation

COLLASEAL

TECHNICAL CHARACTERISTICS

Appearance	liquid
Colour	white
Specific weight (volumetric mass)	1.1 kg/litre
pH	9
Solid residue	35%
Shelf life in original packaging	12 months



WATERPROOF



WATER-BASED



MINIMUM APPLICATION TEMPERATURE



KEEP AWAY FROM FROST

ADVANTAGES

- Improves resistance to thermal shock.
- Improves resistance to compression and abrasion.
- Reduce the possibility of fissures, cracking even for thin layers.
- Adheres tenaciously to assorted surfaces.

PRODUCT



PACKAGING

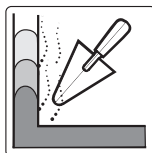
20 kg pails.
5 kg cans.
Boxes 12 bottles x 1 kg.

index
Construction Systems

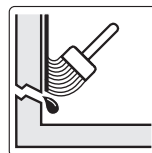
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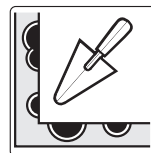
- FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE
- IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS



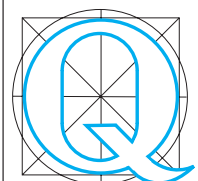
Restoration of damp masonry using damp-proofing renders



Waterproofing with vapour permeable cements



Concrete refurbishment



TOTAL QUALITY
Q.S. ISO 9001

ring the numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX S.p.A. at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Consider