





COLLASEAL

WATER-BASED VINYL LATEX WITH HIGH ADHESION
FOR IMPROVED BONDING OF MORTARS AND PLASTERS.



GRANTS *LEED* CREDITS

CHARACTERISTICS	ENVIRONMENTAL	METHOD OF USE	PRECAUTIONS
 WATER BASED	 ECO GREEN	 MIX MECHANICALLY	 STORAGE: KEEP AWAY FROM FROST

PROBLEM

IMPROVED BONDING AND ADHESION OF MORTARS AND PLASTERS



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

SOLUTION

COLLASEAL is a modifier based on resins in aqueous dispersion of a vinyl copolymer to be added to the mix water in order to obtain mortars which are flexible, mechanically resistant and more adhesive than traditional types.

APPLICATION FIELDS

COLLASEAL is used:

- To prepare filling mortars for low thickness applications.
- To improve adhesion and impermeability of waterproofing plasters including OSMOSEAL osmotic cement.
- To improve adhesion and limit fissures in mortars applied underneath flooring.
- To prepare mortars to be used for restoring hydraulic lime-based or cement plasters.
- To improve the bonding of plasters on surfaces which are not sufficiently roughened.
- In general in all cases in which adhesion to the surface may be difficult, on very smooth or crumbly surfaces.

ADVANTAGES

- Improves the resistance to thermal changes.
- Improves compressive strength and abrasion resistance.
- Reduces the possibility of cracking and fissures even for thin layers.
- Adheres firmly to the most varied surfaces.

METHOD OF USE

• SURFACE PREPARATION

Clean the base thoroughly, removing dirt, dust, efflorescence, oils and grease.

• PREPARAZIONE DELL'IMPASTO

COLLASEAL is diluted with water in the recommended ratio depending on the application for which it is being used, before mixing it with the dry cement mixture and aggregates.

The mixture ratio of **COLLASEAL** with water is generally 1:3, but it can also be diluted 1:2 or 1:1 depending on the type of substrate.

• PRECAUTIONS

- Use **COLLASEAL** between +5°C to +40°C.
- Keep the mortar damp for a couple of days if temperatures are high.
- Apply general rules regarding composition and application of mortar and concrete.

- Store the product at temperature no lower than + 5 °C.
- Not frost-proof.
- Do not use **COLLASEAL** undiluted as primer or adhesion bridge.



TECHNICAL CHARACTERISTICS

	Standard	COLLASEAL
Appearance		Liquid
Colour		White
Density	EN 2811-1	1.10 kg/L
Dry residue	UNI EN ISO 3251	35%
pH		9
Storage in original packaging in a dry place, away from frost		12 months

Test conditions: temperature 23±2°C, 50±5% R.H. and air velocity in test area <0.2 m/s. **These data may change depending on specific site conditions: temperature, ventilation, moisture and substrate absorbency.**

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 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. Considering

PACKAGING

20-kg-Can
 5-kg-Can
 1-kg-Bottle in 12-bottles box

• 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 •

 Construction Systems and Products Via G. Rossini, 22 - 37060 Castel D'Azzano (VR) - Italy - C.P.67 T. +39 045 8546201 - F. +39 045 518390	Internet: www.index-spa.com Informazioni Tecniche Commerciali tecom@indexspa.it Amministrazione e Segreteria index@indexspa.it Index Export Dept. index.export@indexspa.it					
---	---	---	--	---	---	---