

CIPADITE® GEL 15 (CLEAR)

Fast curing epoxy adhesive gel

DESCRIPTION

CIPADITE® GEL 15 is a 100% solids two component, high modulus high strength, moisture insensitive fast setting epoxy adhesive gel.

WHERE TO USE

CIPADITE® GEL 15 is recommended for bonding new concrete to old concrete, repairing spalled, scaled and cracked concrete, structural bonding adhesive for vertical dowels and anchors, bonding of precast concrete units, steel plates or other metal sections to concrete and crack sealing for epoxy injection work.

BENEFITS

- excellent adhesion properties.
- very easy to mix and apply
- cures under cool, damp conditions
- rapid development of hardness and mechanical strengths
- moisture insensitive during the cure
- high shear and tensile strength

PROPERTIES (Tested @ 23°C (74°F))

Mix Ratio, by Volume	2 parts A:1 part B
Viscosity (Mixed)	thixotropic paste
Pot-Life 100g	15 minutes
Initial cure	4 hours
Full Cure	7 days
Color	clear

The above information is representative of typical values obtained under laboratory conditions. Variations can be expected due to on site conditions and/or other testing methods.

APPLICATION

SURFACE PREPARATION

Concrete should be sound and free from dust, loose particles and all foreign contamination. All concrete should be chemically cleaned or mechanically scarified for best results. New concrete should be cured 30 days and any surface laitance or curing compound must be removed.

For anchorages, core holes should be scored, free of all dust and mud and dry for maximum bond. Holes should be a minimum of 4 mm greater in diameter than the anchor. Anchorages must be free of all rust, scale and mill oil. A solvent wash is recommended for all anchorages prior to installation. Fill holes to slight excess required, insert anchorage and rotate slowly to assure that no air pockets remain.

Steel surfaces should be free of dirt, grease, oil or rust. Blast surface using an angular medium such as aluminum oxide or grit to SSPC-SP10 standard, with a minimum profile of 2.5 mils. **Where sandblasting is not practical, the surface should be degreased and mechanically abraded to reveal continuous bright metal.**

MIXING

Premix each component separately before using. Combine 2 parts (by volume) of Part A with 1 part (by volume) of Part B. Mix with a low speed drill. Thoroughly blend the material until an even consistency is achieved, periodically scraping down sides and bottom of container. Apply as soon as possible as pot life is limited.

LIMITATIONS

CIPADITE® Gel 15 is not recommended for:

- applications where ambient temperature are below 10°C (50°F)
- underwater application

COVERAGE

Bonding Adhesive 2.0 m²/L (81.5 ft²/U.S. gal)(smooth surface).

PACKAGING

3.79L (1 U.S. gal) (Clear)

CLEAN UP

Clean all equipment with CPD® Xylol before epoxy hardens. CPD® Xylol is a flammable solvent. Read the Safety Data Sheet before using.

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STORAGE

Store in a heated warehouse. Storage at temperatures below 4.5°C (40°F) may cause the resin to crystallize.

SHELF LIFE

Two years if kept in original unopened containers under normal warehouse conditions.

SAFETY PRECAUTIONS

Consult Safety Data Sheet for specific instructions. SDS #306,306A, 90

WARRANTY

The recommendations made and the information herein is based on our own and independent laboratory experience, and is believed to be accurate under controlled conditions. However, no warranty or guarantee of accuracy is made because we cannot cover every possible application of product nor anticipate every variation encountered in weather conditions, job-conditions, methods used and types of surfaces on which the product is applied. The users shall make their own tests to determine the suitability of such products for any particular purpose.

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CPD®'s liability shall be limited in all events to supplying sufficient product to re-treat and/or repair the specific area to which CPD® product has been applied. CPD® reserves the right to have the true cause of any difficulty determined by accepted test methods. CPD® shall have no other liability, including liability for incidental, consequential or resultant damages, however caused, whether due to breach or warranty, negligence, or strict liability.

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