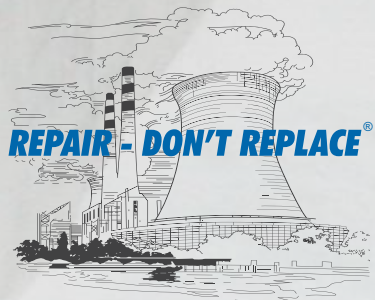


# CHEMCLAD® P4C

Concrete primer for optimum adhesion.



**CHEMCLAD® P4C** is a two component, water borne, polymeric adhesion enhancer specifically formulated to help seal concrete / cementitious surfaces and insure optimum interface bonding between the surface and the ENECON® High Performance Polymer System selected as the finish coat.



**ENECON® Corporation**  
The Fluid Flow  
Systems Specialists.

[www.enecon.com](http://www.enecon.com)

Toll Free: 888-4-ENECON (888-436-3266)

Tel: 516 349 0022 · Fax: 516 349 5522

[info@enecon.com](mailto:info@enecon.com)

6 Platinum Court · Medford, NY 11763-2251

# Using **CHEMCLAD® P4C**

## Working Life & Cure Times

Ambient Temperature		Working Life	Minimum Overcoating	Maximum Overcoat
41°F	5°C	120 min	16 hrs	48 hrs
59°F	15°C	75 min	12 hrs	36 hrs
77°F	25°C	60 min	8 hrs	24 hrs
86°F	30°C	50 min	5 hrs	16 hrs

## CHEMCLAD® P4C Technical Data

Theoretical coverage rate per kg. @ 3 mils. 70 - 80 ft² / 6 - 7 m²

Mixing ratio	Base	Activator	
-by volume	2	5	
-by weight	2	5	
Ambient Temperature	Working Life	Minimum Overcoating	Maximum Overcoating
41°F 5°C	120 min	16 hrs	48 hrs
59°F 15°C	75 min	12 hrs	36 hrs
77°F 25°C	60 min	8 hrs	24 hrs
86°F 30°C	50 min	5 hrs	16 hrs

**Concrete & Cementitious Surface Preparation** - CHEMCLAD® P4C should only be applied to clean, firm, dry, and well roughened concrete surfaces.

1. Remove all loose material and surface contamination.
2. Clean and roughen the area of repair by abrasive blasting, steam cleaning, pressure washing or other suitable means.
3. After removing all surface and sub-surface contamination, flush the area thoroughly and allow the concrete to dry completely.

**Mixing & Application** - CHEMCLAD® P4C is a two component, water borne, polymeric "adhesion enhancer" specifically formulated to help seal concrete / cementitious surfaces and insure optimum interface bonding between the surface and the CHEMCLAD® SC, CHEMCLAD® XC or ENECLAD® FPS top coats.

Pour the Base component into the Activator container and mix thoroughly until a uniform, streak-free, off-white color is achieved. Apply the mixed CHEMCLAD® P4C to the surface using a brush or roller. Coat the area thoroughly but DO NOT flood or pool the CHEMCLAD® P4C.

After first mixing the Base and Activator components together, the CHEMCLAD® P4C may be thinned using a small amount of water to improve application characteristics. As a guide, the maximum amount of water which may be added is ~ 1.5 quarts of water per 6 kg unit of CHEMCLAD® P4C after the Base and Activator components have been combined. While thinning with water does not increase coverage rate, it will help insure that the optimum coverage rate is achieved for the given surface conditions.

While surface contour, roughness, porosity, etc. can affect coverage rate, as a guide, each kilogram of CHEMCLAD® P4C will cover approximately 70 - 80 square feet (6 - 7 square meters) when applied at the recommended dry film thickness of 3 mils on a relatively smooth, uniform surface.

Note: Should less than a full unit quantity of CHEMCLAD® P4C be required for a particular application, a partial mix can be accomplished by mixing 2 parts Base to 5 parts Activator by volume ( 2:5, v/v ).

**Cleaning of Equipment** - Wipe excess material from tools immediately. Use acetone, MEK, isopropyl alcohol or similar solvent as needed.

**Health & Safety** - Every effort is made to insure that ENECON® products are as simple and safe to use as possible. Normal industry standards and practices for housekeeping, cleanliness and personal protection should be observed. For further information and guidance, please refer to the detailed SAFETY DATA SHEETS (SDS) supplied with the material and also available on request.

**Technical Support** - The ENECON® engineering team is always available to provide technical support and assistance. For guidance on difficult application procedures or for answers to simple questions, call your local ENECON® Fluid Flow Systems Specialist or the ENECON® Engineering Center.



All information contained herein is based on long term testing in our laboratories as well as practical field experience and is believed to be reliable and accurate. No condition or warranty is given covering the results from use of our products in any particular case, whether the purpose is disclosed or not, and we cannot accept liability if the desired results are not obtained.

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