



CHEM-GEL 50[®]

MANUFACTURER

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PRODUCT DESCRIPTION

Chem-Gel 50[®] is an epoxy gel used for patching, bonding, surface sealing, and interior joint sealing. It is semi-flexible with an elongation of 50%.

APPLICATION

Mix equal parts of A and B and apply to clean, dry, prepared surface using a trowel or spatula. Sand may be added if needed. Use dry sand only.

LIMITATIONS

Application at ambient temperature below 40°F. is not recommended. Exposure to temperatures exceeding 150°F. for prolonged periods is not recommended.

PACKAGING

Chem-Gel 50 is available in 2 gallon units and 10 gallon units in metal containers.

CLEAN-UP

Remove uncured Chem-Gel 50 from tools and equipment with a suitable solvent such as xylene or toluene immediately after use.

TECHNICAL DATA Properties at 77°F.

	Resin Part A	Hardener Part B
Solids	100%	100%
Color	Concrete gray, gel	Transparent, gel
Wt./gal.	9.7 lb.	8.04 lb.
Shelf Life	1 Year	1 Year
	Typical Mixed Values	ASTM Method
Mix Ratio	1:1 by volume (A:B)	N/A
Viscosity	Non-sagging gel	N/A
Pot Life (3 oz.)	30 minutes	N/A
Hardness (shore)	60-D	D-2240
Gel Time (5 mil.)	8-10 Hours	N/A
Tensile Strength	2,400 psi	D-638
Flexural Strength	500 psi	D-790
Compressive Strength	2,500 psi	D-695
Bond Strength	575 psi (24 hours)	C-321
Bond Strength	6,025 psi	C-882
Elongation	50%	D-638
Water Absorption	0.3% (24 hours)	D-570

Cured material may only be removed mechanically.

SHELF LIFE

1 year in original, unopened container.

STORAGE

Store in a dry area, between 40°F. and 95°F. Protect from direct sunlight.

HEALTH PRECAUTIONS

Component A - IRRITANT
Prolonged skin or eye contact may cause sensitization or irritation.

Component B - IRRITANT
Contact with skin or eyes may cause severe burns.

FIRST AID

Skin Contact: wash thoroughly with soap and water.

Eye Contact: flush immediately with clean water and contact a physician.

Respiratory Problems: remove affected person to fresh air immediately and contact a physician.

Hygiene: wash hands immediately after use. Wash clothing before reuse.

SPILLS

Collect with absorbent material. Material may be removed with a suitable solvent.

DISPOSAL

Dispose of in accordance with local, state and federal regulations.

WARNING

KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CON-

SUMPTION. FOR PROFESSIONAL USE ONLY BY A QUALIFIED TECHNICIAN. Consult the Material Safety Data Sheet for further health and safety information.

WARRANTY

LIMITED WARRANTY: “International Chem-Crete Corporation warrants that, at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of the acceptance of the order.” Read complete Warranty, copy furnished upon request.

DISCLAIMER: The information contained herein is included for illustrative purposes only and, to the best of our knowledge, is accurate and reliable. International Chem-Crete Corporation cannot, however, under any circumstances make any obligation or liability in connection with the use of this information. As International Chem-Crete Corporation has no control over the use to which others may put its products, it is recommended that the products be tested to determine if suitable for a specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine suitability of products for specific application and assume all responsibilities in connection therewith.

TECHNICAL SERVICES

International Chem-Crete Technical Sales Personnel throughout the country are available as required. International Chem-Crete distributors have local salesmen trained by International Chem-Crete.

Chem-Gel 50 is manufactured by:
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