LIFE SPECIALTY COATINGS Est. 1963

Waterproofing
TECHNICAL DATA SHEET

LD7200
Epoxy Patching Compound

DESCRIPTION

Life Specialty Coatings 7200P Series is a 2 component, heavy viscosity, 100% solids, flexible epoxy patching compound. It provides epoxy high build, maximum toughness, excellent chemical resistance in a quick drying paste.

USES, FEATURES & BENEFITS

Life Specialty Coatings 7200P Series is designed to be used on concrete, metal, wood, masonry or where a tough yet flexible epoxy paste is required. Uses include patching surface cracks on concrete floors prior to application of a floor coating or as a general purpose patch on concrete, block or wood to fill small voids before coating with other products.

ADVANTAGES

- Convenient 1:1 Mix Ratio
- Fast Setting Time
- High Build
- Chemical Resistant
- Flexible
- Very Durable
- Moisture Tolerant

PACKAGING

- 1/2 Gallon Kits
- 2 Gallon Kits

DIRECTIONS:

SURFACE PREPARATION:

Prepare surface by sanding, grinding, water blasting, sandblasting or shot blasting to achieve a clean, porous and uniform surface that will allow product to soak in and bond permanently. Clean out cracks with a crack chaser (diamond blade). Chip out any loose or unstable material in the area to be filled. The surface must be porous or rough enough to allow the product to adhere. Note: The most common reason for a coating failure is due to the lack of surface preparation.

PRIMER REQUIREMENTS:

Priming is not necessary for general purpose patching. When installed as part of an epoxy floor system it is best to prime first using the Life Deck 1200 epoxy primer. See Life Deck 1200 Series product information sheet for application instructions.

COVERAGE:

The coverage will vary depending on the thickness applied and the porosity and texture of the surface. For example a 1/2 gallon kit will fill 1/4" x 1/4" crack or joint approximately 150' long.

INSPECTION

Surface must be structurally sound, dry and free of oil, grease, curing agents, dirt, dust or other foreign material that may prevent proper adhesion. Surface must be roughed up or porous.

ADDING AGGREGATE

Silica sand (or other aggregates) may be added to enhance workability and increase the yield of the mix. Silica sand will also increase-pot-life and depending on the size, effect the texture and your ability to feather the patching compound. Depending on the size and amount of aggregate you add, you will also increase the tensile and compressive strength and hardness while decreasing the elongation of the product.

MIXING:
In a clean and dry bucket thoroughly mix 1part A and 1 part B, by volume, together. Combine using a jiffy mixer or stir stick at low rpm. Mix slowly for at least 3-5 minutes or until completely combined. Only prepare the amount you can use in 1/2 hour.

APPLICATION:
A trowel or putty knife is the best way to apply the epoxy into the crack or void you are attempting to fill. If the area is going to be coated with a thin film coating, you may wish to slightly overfill the area then sand it flush the next day to match the texture of the existing surface. Silica sand may be broadcast into the epoxy to add texture and act as a binder for subsequent coats of material.

DRYING TIME
You may re-apply additional 7200 paste as a soon as the product has hardened (usually 4-8 hours). Light foot traffic may be permitted in 12 hours, normal in 24 hours, light vehicle in 48 hours, and heavy traffic in 7 days. All times are based on average temperature of 70 degrees and 50% humidity. Cooler temperatures will increase drying time.
LD246 is very sensitive to heat and moisture. Higher temperatures and/or high humidity will accelerate the cure time. Use caution in batch sizes and thickness of application.
Low temperature and/or low humidity extend the cure time.

LIMITATIONS
- Do not apply at temperatures below 50F.
- Do not allow water to come into contact until it has cured for 24 hours.
- For interior use only unless protected by another product with a UV inhibitor
- Product will not bond to concrete if not properly prepared.

TECHNICAL DATA:	
TEST TYPE:	RESULTS
Gel Time (100g mass/mins)	35
Tensile Strength (psi)	1530
Modulus (psi)	33800
Tensile Elongation %	55
Shore D Hardness	45
Thin Film Set Timers, hrs (70'F)	7 hr
Pot Life (77'F)	35 minutes

DISCLAIMER: All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and tests, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones that may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether verbal or in writing, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and LIFE PAINT makes no claim that these tests or any other tests, accurately represent all environments.

Warranty: When the warranted product is applied in accordance with this technical data sheet, label instructions and common sense widely accepted painting practice and procedures, Life Specialty Coatings will warrant said product against manufacturing defects that might cause premature failure such as blistering, peeling, or unusual wear. Directions are as complete as possible but cannot encompass all conditions, applications, and/or surfaces beyond manufacturer's control. In the event of a warranted failure and upon the presentation of proof of purchase, the remedy will be the provision price for said product. This warranty does not include labor or the costs associated with labor. This warranty may not be transferred or assigned and extends specific legal rights which may vary from state-to-state. No other warrantee is expressed or implied. Life Specialty Coatings Company, Santa Fe Springs, CA (562)944-6391