



PRICE RESEARCH, LTD.
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PRODUCT DATA

PRICE BOND #123 COLD PATCH FOR CAULKING AND PATCHING FREEZER ROOM

PRODUCT NAME: PRICE BOND #123 COLD PATCH
For Caulking and Patching Freezer Room

MANUFACTURER: PRICE RESEARCH, LTD.
3511 Stadium Drive
Kansas City, MO 64129
Phone: (816) 924-5955

PRODUCT DESCRIPTION:

PRICE BOND #123 COLD PATCH is specially designed to be used in freezer rooms for caulking the construction joints, sawed out joints, patching the floor, etc.. PRICE BOND #123 COLD PATCH cures at as low as -25°F.

USED IN:

- Freezer Room
- Meat Processing Plants
- Poultry Plants
- Deep Freezer Rooms in Warehousing

ADVANTAGES:

1. Cures at as low as -25°F.
2. Requires minimum surface preparation.
3. Has adhesion to almost all types of building materials.
4. Has excellent resistance to oil, fat, grease, heavy traffic, dirt, etc..

TECHNICAL DATA:

Two component ----- PART A and PART B
 Color ----- Off white
 Type ----- Self Leveling
 PRICE BOND #123 COLD PATCH is a two component fluid applied, urethane linked resin with a rubber like molecular backbone.

RESISTANT TO:

Heavy Traffic	-----	Excellent
Food Acid	-----	Excellent
Mineral Oil	-----	Excellent
Brine	-----	Excellent
Liquid Smoke	-----	Excellent
Fat	-----	Excellent
Detergent	-----	Excellent
Water	-----	Excellent

PHYSICAL DATA		
Test	Test Method	Result
1. Abrasion Resistance	Tabor Method	Excellent
2. Elongation	ASTM D 412	100%
3. Adhesion	ASTM D 1191	200 psi
4. Tensile Strength	ASTM D 412	1800 psi
5. Hardness: Shore A	ASTM D 676	70±5
6. Flexibility	— —	Excellent
7. Weathering	— —	Excellent
8. Compressive Strength	ASTM D 685 @ 25°C	More than 6000 psi

NOTE: Above tests were run at 68°F.

ESTIMATION OF COVERAGE:

Coverage table shown below is estimated at room temperature. When the temperature is lowered to desired temperature, the joint will be larger in width. Thus, the coverage should be properly adjusted. Lowering of temperature will shrink the concrete to a different degree in the same freezer room. For example: 1/4" wide sawed-out joint may be 1/2" or 3/8" wide in the same room at the freezer room temperature.

PRICE BOND #123 COLD PATCH USAGE CHART FOR 1 GALLON UNIT

(Following figures are approximate in Liner Feet)

Width of Joint	Depth of Joint							
	1"	1¼"	1½"	2"	3"	4"	5"	6"
1/4"	80	64	53	40	27	20	16	13
1/2"	40	32	27	20	13	10	8	7
3/4"	30	24	20	15	10	8	6	5
1"	20	16	13	10	7	5	4	3

NOTE: (1.) One Gallon Unit of PRICE BOND #123 COLD PATCH Contains 240 Cubic Inch of Material. (2.) One gallon unit consists of Part A and Part B. (3.) Coverage will depend upon the workmanship and wastage. (4.) As a general practice no back rod is used in freezer floor joint. Follow specification instruction on this point.

APPLICATOR'S GUIDE:

This is a two component material, supplied in Part A (Base Resin) and Part B (Activator). Applicator should have both parts before work starts.

PACKAGING:

PRICE BOND #123 COLD PATCH one gallon unit consists of Part A and Part B. Four ONE gallon units per one case.

RATIO OF MIX:

PRICE BOND #123 COLD PATCH has an odd ratio, each component is weighed exactly. DO NOT attempt to mix smaller batch for partial testing.

SURFACE PREPARATION:

PRICE BOND #123 COLD PATCH is designed to be used on freezer room floors, meat processing plants, poultry industry floors at lowest operating temperature of freezer room. Floor should be cut at room temperature. Joints and floor should be dust free, ice free, oil free, before the application. PRICE BOND #123 COLD PATCH has excellent adhesion to most building materials including old asphalt surfaces.

APPLICATION CONDITIONS:

PRICE BOND #123 COLD PATCH is specially designed to be used at lowest freezer temperature, however, product should be stored at room temperature.

MIXING:

MIXING IS ONE OF THE MOST IMPORTANT PARTS OF THE ENTIRE APPLICATION AND MUST BE DONE EXACTLY AS OUTLINED. MIXING MUST BE DONE AT ROOM TEMPERATURE (68°F or above).

- a. Open container marked **Part A**. Be careful not to allow water or moisture to enter the product.
- b. Mix first **Part A** with mechanical mixer until it is uniform. (There may be some settling.) Use paddle type slow speed mixer. Mix approximately 1 to 2 minutes.
- c. Add **Part B** very carefully into **Part A** container without spilling (see safety precautions). Drain all material from **Part B**, exact weight is required for cure.
- d. Mix with mechanical mixer thoroughly for at least 1½ minutes. **DO NOT GUESS TIME. It must be TIMED.**
- e. During mixing, be certain the side of the container are scraped to obtain a completely uniform mix.
- f. Once the material is mixed, it has a “pot life” of 35 minutes at 68°F. Higher temperature will shorten the “pot life”.
- g. No cleaning is suggested for agitator between next container mixing. However, excess material may be scrapped off with scrapper before going to the next container

for mixing. We DO NOT recommend solvent cleaning of agitator between mixing.

METHOD OF APPLICATION:

1. Mix the material at room temperature (68°F) as indicated above.
2. Take the mixed material in freezer to pour in joints. Mixed material may be poured in joints with suitable clean metal container (bent for shape of spout at top) or the original plastic pail product container may be used as dispenser.
3. Caulking may be speeded up by team of two people. One person for mixing and one person for application. Both may alternate the job.
4. Use mineral spirits for clean up of tools.
5. PRICE BOND #123 COLD PATCH viscosity will increase at lower temperature proportion to time. Thus sealing of joint should be done in minimal time.

SAFETY AND STORAGE:

PRICE BOND #123 COLD PATCH should be stored at room temperature (68°F or above). Moisture contamination will ruin the material. When working with Part B avoid contact with skin and eyes. In case of contact, wash skin with plenty of water. For eyes, get medical attention. Contaminated clothing should be washed before use. Do no smoke during mixing or application. Use in well ventilated areas only.

IMPORTANT CHECK POINTS BEFORE APPLICATION:

- A. Applicator should read this “Guide” before undertaking any work.
- B. PRICE BOND #123 COLD PATCH should be stored at room temperature in a dry place. Shelf life at room temperature is 6 months.
- C. Follow mixing instruction carefully.
- D. Prepare surface carefully.
- E. DO NOT open traffic on the PRICE BOND #123 treated areas for 48 to 72 hours (at -20°). Use metal plate to cover the traffic areas. Do not let metal plate touch the material.

NOTE: When PRICE BOND #123 COLD PATCH is fully cured it will feel like hard pliable rubber. It does not cure to be hard like concrete. It is specially designed to be like hard pliable rubber to withstand traffic.

TECHNICAL ASSISTANCE:

Call Price Research, Ltd. at (816) 924-5955 and ask for Technical Service.

AVAILABILITY AND COST:

This material is directly available to applicator from Price Research, Ltd. Please contact Price Research, Ltd. for current cost.

LIMITED WARRANTY:

Price Research, Ltd. has no control over the storage, handling or use of this product, thus the warranty is limited to the purchase price of the defective material only.