

SODIUM SILICATES VS PROTEC III PRODUCTS

| CHARACTERISTICS | SODIUM SILICATES | PROTEC III CHEM-RX | PROTEC III WITH ACRYLIC MEMBRANE |
|--------------------------------------|--|--------------------|----------------------------------|
| PARTICLE SIZE | LARGE | SMALL | SMALL |
| EASE OF PENETRATION | DIFFICULT | EASY | EASY |
| EASE IN APPLICATION | VERY DIFFICULT | EASY | VERY EASY |
| CERTIFIED INSTALLER REQUIRED | RECOMMENDED | NO | NO |
| LEAVES SURFACE MEMBRANE-SHINE | NO* | NO | YES |
| TRUE CURE ASTM C309 | NO | NO | YES |
| CURING AID | YES | YES | YES, MEETS ASTM C309 |
| HARDENER/DENSIFIER | YES | YES | YES |
| COST PER SQUARE FOOT | .06 CENTS AND UP MATERIAL ONLY | .06 MATERIAL ONLY | .10 MATERIAL ONLY |
| TIME TO TREAT 10,000 SQ. FT. | EXTREMELY DIFFICULT 2-4 HRS X 2 MEN | 1.5 HR X 2 MEN | 1 HR X 2 MEN |
| HAZARDOUS WASTE | YES | NO | NO |
| WASTE FROM APPLICATION | YES** | NO | NO |
| INSTALL ON YOUR TIMELINE | YES | YES | YES |
| FLOOR CLEANING REQUIRED | NO | NO | NO |
| QUALITY | GOOD | VERY GOOD | EXCELLENT |
| RESULTS | GOOD | VERY GOOD | EXCELLENT |

*Some penetrating hardeners and densifiers will sit on the surface if they have not properly penetrated the concrete and this will leave a temporary shine. This type of product will wear off with abrasion, the shine will disappear and the concrete will be left exposed. The ability of the hardener/densifier to penetrate fully into the concrete surface dramatically increases the hardness and chemical resistance of the concrete structure.

**Because of the type of resin being used, the competitor's product does not completely penetrate the concrete and will jell up as it sets. This jell has to be removed. It is considered hazardous waste and must be contained and dumped under the regulations in force. This hazardous waste should not be dumped on the ground at the job site.

Comparison sheets is based on the information available at the time of printing.

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