



provide the wedge shaped notch. Moving joints as in the case of expansion joints should be brought up through the repair by sawcutting or with the use of a divider strip. All cracks over 1.6 mm wide should be routed out to a 6 mm depth prior to application of the mortar.

**Exposed Reinforcement Steel** - Remove all loose rust and scaling, preferably by sandblasting to white metal prior to coating the rebar. Exposed rebar may be treated with an anti-corrosion primer such as EPOCHEM, ZINC RICH PRIMER or EPOMORT 1000 LV epoxy.

**Bonding** - After the surface has been prepared, prime all areas with either EPOCHEM or EPOMORT 1000 MV epoxy adhesive, EPOCHEM will provide the greatest placement and performance versatility. Follow mixing and applications instructions for the particular primer on the respective product's technical data sheet.

**Mixing** - Small quantities may be mixed with a drill and "jiffy" mixer. Use a paddle type mortar mixer for large jobs. Add the appropriate amount of water for the batch size and then add the **REPCON SP**. Mix material for about 2 minutes. The mixed product should be quickly transported to the repair area and placed immediately.

**Placement** - Discharge material from mixer and place onto floor. For patching, spread with trowel, come-a-long, or square tipped shovel to a thickness that matches the surrounding concrete. Finish by hand troweling.

**REPCON SP** sets quickly. The time available for placement and finishing will be very limited.

**Finishing**- Finish **REPCON SP** to the desired float or broom finish texture. Do not add additional water to the surface during the finishing operation.

**Curing and Sealing** - **REPCON SP** requires using in accordance with good concrete practice. Proper curing procedures are important to ensure the durability and quality of the repair. To prevent surface cracking, cure **REPCON SP** with a high solids curing compound, such as KURECOTE 75 VOX XTRA or CEMTEC KURE N SEAL XTRA. In hot, windy or direct sunlight situations, re-wet the surface after the curing compound has dried and cover with polyethylene for a minimum of three (3) days.

Curing compound must be ordered separately.

#### **CLEAN-UP**

Clean tools and equipment with water before the material hardens.

#### **PRECAUTIONS / LIMITATIONS**

- If used in cold weather, the repair must be kept from freezing for at least 8 hours.
- Do not apply over frozen concrete.
- Do not place material at temperatures below 4°C.
- No heavy traffic until the product has reached a minimum of 2000 psi (14 MPa)

#### **QUALITY STATEMENT**

CMCI manufacture its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with Quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products. CMCI also offers full technical field support to consultants, Architects, Contractors, applicators and End Users

The Technical Specification information and recommendation given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product. CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no guaranty and or responsibility is assumed on the performance of work completion executed with use of our products.