

Table ()

This table shown sample of materials which used in re-habilitation of Bahri water plant:

Item	Material Name	Description	Primary uses	Manufacture
1	CONCREXIVE 1450i	CONCREXIVE® 1450i is a 2 component advanced pure epoxy fixing & anchoring mortar. Supplied in a self mixing cartridge CONCREXIVE 1450i combines predictable high performance with safety & application convenience.	Heavy duty & critical anchoring such as re-bars & threaded anchor rods/bolts in rock & concrete and reinforcing dowel bars. Used in wet environment, at low to very low temperatures & wherever solvents or styrene are unacceptable. Used in high temperature applications. Anchoring with sleeves in hollow brick or concrete. Specified fixing media for Watson Bowman Acme joints & neoprene ancillaries	BASF Construction Chemicals UAE
2	Sika Zinc Rich -2	Sika Zinc Rich -2 is two components cold curing zinc rich epoxy primer designed as an anti corrosive quick drying weld-able primer for various paint systems.	To provide excellent protection against corrosion for iron, re-bars and steel structures.	Sika Egypt for Construction Chemicals.
3	KEMGROUT HD	A pourable cement base, non-shrink, hydraulic compound especially formulated for heavy duty support under machine base plate, cranes, rails ...etc. The material is a blend of Portland cement, Pre-graded fillers and additives which impart controlled expansion in the plastic state whilst minimizing water demand. The low water requirements ensure high early strength and long term durability. The filler grading is designed to aid uniform mixing and minimize segregation and bleeding.	used for general purpose grouting over a wide range of applications, included heavy duty support under machine base plates, cranes, rails and stanchion bases. Also performed as an anchoring for masts, anchor bolts... etc.	Prokem SPECIALITY CHEMICALS UAE
4	MASTERFLEX 700 PG	MASTERFLEX® 700 PG is a high grade, poly-sulphide based sealant possessing outstanding resistance to	use in expansion joints in reinforced concrete structures such as bridges, reservoirs, water treatment	BASF Construction Chemicals UAE LLC

5	RHEOMAC 707	<p>deterioration due to weathering, ozone, ultra-violet light and attack by chemicals present in industrial atmospheres. It has the ability to withstand repeated cycles of compression and extension over a wide temperature range, and has excellent adhesion properties to all materials commonly employed in building and construction work.</p>	<p>works, sea walls and roads, etc. It can also be used in floor joints subject to heavy usage where a high resistance to damage is required.</p>	BASF Construction Chemicals UAE LLC
		<p>A liquid admixture for concrete to give high water resistance, based upon a blend of surface active agents and refined lingo-sulphonate. Waterproof concrete is the result of good concrete practice coupled with the lowest w/c ratio compatible with achieving full compaction. The use of RHEOMAC® 707 enables all these criteria to be met due to its strong plasticizing and water reducing properties</p>	<p>should be used in all structural concrete that is constantly or intermittently in contact with water such as sea walls, tunnels, basements, structural and pre-cast concrete in exposed superstructures.</p>	
6	RHEOMIX 141M	<p>RHEOMIX 141M is a styrene-butadiene, co-polymer latex specifically designed for use with cement compositions. It is used in mortar and concretes as an admixture to increase resistance to water penetration, improve abrasion resistance and durability. It is used with cement as a reliable water-resistant bonding agent.</p>	<p>Concrete repair. Floor screeds and toppings. External rendering. Waterproofing and tanking. Fixing slip bricks and tiles. Corrosion protection of steel.</p>	BASF – CC Egypt
		<p>Is a solvent-free, two-pack epoxy tank coating</p>	<p>Designed for use in Potable Water (drinking water) tanks. Can also be used for corrosion protection for the internal lining of steel storage tanks and for friction reduction in gas pipes - please contact Jotun for specific recommendations.</p>	Germany
7	Tank-guard 412			
8	KEM SEAL - F	<p>Is two component</p>	<p>Is suitable for external and</p>	Prokem SPECIALITY

cementitious flexible internal water-proofing, modified polymers water-proofing, crack sealing. It can be used for the following structures:

KEM SEAL - F has a unique blend of selected cement, filler and additives applied in powder form (Part A) together with flexible polymer in liquid form (Part B). The polymer liquid is especially designed to provide high flexibility when mixed and applied on concrete or masonry by means the coating has a very high elongation and is compatible with the concrete thermal expansion.

- Reservoirs, roof foundation and sealing the bar-holes.
- Resurfacing of concrete and masonry surface.
- Water-proofing for below grade application or damp proofing coating.
- Terraces and balconies.
- Sea walls.
- Swimming pools.

CHEMICALS UAE

□ Attached Sheet is sample of Material Data Sheet.