

# Well Crete



## A Surface Treatment System for protecting Concrete & Masonry

**DESCRIPTION:** Well Crete is an acrylic based Polymer modified cementitious composite system

- Polymer In conjunction with Cement provides properties to combat the shortcomings of cement particularly its poor adhesion properties low Impact strength. Low flexural strength and thin section fragility.
- Well Crete Polymer adds to the potential use as well as enhances the properties of cement mortar making them excellent choice for use In new as well as renovation work,
- Well Crete is used for surface treatment protection. Waterproofing. And repairing concrete and masonry.

### UNIQUE FEATURES:

- Combines a tough. Hard Wearing surface treatment, with waterproofing Allows trapped vapors to escape thus preventing peeling and blister formation.

### OTHER FEATURES:

- Can be applied In uniform thickness to horizontal and vertical surfaces
- Develops excellent bonds to most building materials.
- Reduces or prevents salt penetration into concrete.
- Is not affected by ultraviolet light or by chemicals ranging from mild acids to strong alkalis.
- Is highly durable In continuous wet condition.
- Is non-flammable and does not give off toxic gases. When exposed to fire.

### APPLICATION

**Surface Preparation** Prior to application of Well Crete surface must be prepared as mentioned below to avoid failure:

- The surface shall be cleaned to remove all dust foreign matters, loose materials or any deposits of contamination which could affect the bond between the surface and the Well Crete Coating
- This can be done by scarifying grinding, water blasting. Sand blasting. Acid washing or by any other approved method.
- New flat surface Like sub base concrete shall be made reasonably smooth so as not to impede the application of Well Crete coating by pouring water on flat surface or by vigorously spraying water on vertical/inclined surfaces.
- When placing Well Crete Coating water should be removed so that the surface Is only damp. In no case there should be standing water or a shiny wet surface.  
Well Crete Polymer Is mixed with neat cement in the ratio of 100 kg cement 50 kg of Well Crete The mix has to be stirred thoroughly until no air bubbles remain in the mix. Any lump found In the mix should be removed.
- The mix has to be applied by brush on a rendered and/or prepared surface. Two more coats are recommended. First coat should be allowed to stir dry for 5-6 hours. The surface should be made wet before application In case of porous structures.

### Well Crete POLYMER IS IDEALLY SUITED FOR:

- Waterproofing of basements, toilets, terraces, roots, swimming pool, water tower etc.
- General concrete repairs.
- Protection of concrete against corrosion, salt attack etc.

**CURING:**

Well Crete System must be applied with temperature above IDOC and below 35°C. During the first 12 hours of curing, it must be protected/Tom abrasion, rain and other adverse conditions.

No traffic shall be allowed on a Well Crete treated surface within 48 hours after application. After application of final coat of Well Crete, initial air drying shall be done for 2- 6 hours. During this period no water is to be used for curing. In case at high temperature and low humidity combined with high wind condition, the coating shall be covered with polythene sheet to avoid rapid drying of the coating. After a maximum period of 16 hours the final application moist curing shall be done for the next 24 hours by way of spraying water on Well Crete coating. During this period at no point of time should the Well Crete coating be left completely dry or submerged in water.

**COVERING CAPACITY:****WELL Crete COATING/Slum**

Mix proportion: 100 kg cement: 50 kg Well Crete Polymer

Material	1 coat on concrete	2 coat on concrete
	Kg/m2	Kg/m2
Cement	0.732	0.488
Polymer	0.244	0.244

**SHELF LIFE PACKING:** 18 Months if unopened

**PACKING:** 20 Kg, 200 Kg, Container

**PRODUCT INFORMATION:** Although the basic formulation of our products generally remains

unchanged production refinements arising from continuing research and evaluation programs may occasionally result in marginal changes in properties.

**Well Knit's Businesses**

**Protective / Anti-Corrosive Coating Product Admixtures / Grouts / Sealants  
& Additives Other Chemical Product**



**Well Knit Chemical**

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