



RAZON ENGINEERING COMPANY PRIVATE LIMITED

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AN ISO 9001-2008 COMPANY HAK SAFE AL 111

Concrete is generally hacked before plastering to enhance anchorage between concrete surface and plaster mortar. This hacking is generally done immediately after de-shuttering. Many-a-times on very large sites, or where the ceiling is very high, or column are very long, the hacking is insufficient – improper, or hacking is not feasible. Hak Safe AL111 is developed specifically for these types of situations.

For enhancing shuttering material life, cheap quality spent engine oil is used to coat shuttering material surface to ensure separation between concrete and shuttering material surface. (Use our Shutter Coat for trouble free de shuttering)

The oil film adheres to concrete surface making plastering difficult in spite of sufficient hacking provided to concrete surface. Hak Safe AL111 is most ideal for ensuring permanent bond plaster to such surface, Apply Hak Safe AL111 to the concrete surface by brush. Ensure Hak Safe AL111 is wet and tacky whilst plastering is in progress (use Master Plaster 200ml per bag cement in preparing plaster mortar. (Refer our brochure on Master Plaster and Shutter Coat.)

In case of spalled plaster, where the RCC is exposed. Prepare plastering mortar using Master Plaster 200 ml per bag of Cement. Coat the surface, which is to receive aforesaid mortar with one coat of Hak Safe AL111 by brush. Ensure this surface is clean by scrubbing with wire brush, prior to coating it with Hak Safe AL111. The making up should be done whilst the Hak Safe AL111 film is still wet and tacky.

Method of Use:

Prepare 'plaster mortar' usual using 200ml Master Plaster per bag of cement. Clean the surface, which is to receive plaster preferably with wire brush. Coat Hak Safe AL111 on the concrete surface, which is to receive the plaster. Ensure Hak Safe AL111 is wet and tacky whilst the plastering is in progress.

Hak Safe AL111 provides high grip and anchorage to the plaster mortar. It ensures the plaster progresses rapidly. It also ensures the plaster is firmly gripped and bound to the concrete surface and eliminates separation of plaster which would otherwise have occurred if Hak Safe AL111 is not used.

It is recommended our Brochures for Master Plaster and Shutter Coat be read if Economy and Quality is desired.

Packing: Hak Safe AL 111 is available in 5 ltr, 35 ltr, 50 ltr and 200 ltr containers.

No	PRODUCT DATA	
1.	Colour	Milky white.
2.	Consistency	Viscous Fluid
3.	Application	Apply on surface by brush. For economy if practicable dilute with 1 part of clear water. Take trial before using 1 part water.
4.	Tackiness	The coating is designed to remain tacky for a period of 15 – 20 minutes under tropical climatic Conditions and for ease of application.
5.	Storage	Store in cool dry place. Ensure lid tightly sealed.
6.	Life	Use before 1 – 2 years from date of manufacturing.
7.	Packing	1 Kg., 5 Kgs., 20 Kgs., 50 Kgs.
8.	Cement Compatibility	OPC and PPC

OTHER PRODUCTS

Coatings: Rubberised Instant Waterproof Coating • White Water Proofer • Polyurethane Coating - GHF 111 • Triple Layer Polyurethane Waterproof/ Thermal Coating • Primer Coat PU SG 104 • Top Coat PU ALK – 104 • Silver Coat PU 104 • Clear PU Lacquer (gloss) • Clear PU Lacquer (matt) • Coal Tar Epoxy CTE – 110 • Coal Tar Epoxy EP-10 • Epoxy Coating EC-111 • Primer Epoxy Coating PR 111 • Silver Coating SC 203 • Epoxy Floor Coating G-78 AND M-86 • Damp Proofer • Bitumenous Japan Paint 151 • Supreme Waterproof Cement Paint ARCEM –101 • Premium Waterproof Cement Paint ARCEM –119 • Royal Waterproof Cement Paint ARCEM 1100 • Green Chromo Oxide Epoxy Primer •

Sealants : Crack Seal • Rubberised Sealer • Instaset 600 • Instaset 2000 • Instaset 2000S

Admixture: SPRMC 808 S11 B • Super Plasticizer –IWSP (M) – 101 • Super Plasticizer –IWSP (N) – 103 • Accelerator –2080 • Integral Water Proofer • IWSP –102 • I.W.P. Powder • Intrair (A.E.A) 120N • Master Plaster MP CS 101 • Block Maker BM-10 • Rapid Grout RG –117 • Tile Master TM – 1 • Anchorex 428 • Floor Hardner • Hycrete RJ – 608 • Brick Master • Super Paver • Pipe Master • Toughcrete P109 • Gunning Admixture GS-942 • Non Shrink Grout Admixture NSG A-11

Other Products : Tile Fix # 1 • Tile Fix # 1A • Tile Fix SP # 1 • Strextra NSG 110 •

Strextra - NSG 2024 • Easy Grout • Water Repellent WBWR – 2023 •

Water Repellent SBWR – 5000 • Shutter Coat for Wood & Metal •

Concrete Cure Coating – 111 • Concrete Cure Coating – 103 •

P.A. Bound • P.A. Mortar TH – 4 • PA. Mortar EF – 1 • P.A. Mortar

Slurry • Marble Fix • Floor Repair Mortar • Insta Plugging Mortar •

Pipe Joint Sealer • Tile Joint Sealer [Colour] – Red, White, Black,

Brown, Ivory, Green, Grey, Pink. • Metal Protect • RZ – Polymer

ED Mortar • Special Grouting System • Anti Hack Paint (XRG) •

Tuffar • ADMGP – 1 • P A – Resin 651XXX • Hak Safe AL 111 •

Paint Remover PR – 128 • COLGROUT Admixture CG – 101S •

Rock Splitting Grout ATC-A201 • Ready Plaster • Best Plaster Putty



It is strongly recommended that site trials be conducted using site conditions and available raw materials to evaluate the product. Since site materials and conditions are beyond our control and since above suggestions and recommendations are based on our site trials and laboratory product evaluation & trials, and since methods of use at site are beyond our control. Hence, no guarantee can either be implied or enforceable