

Kembond 65

SBR Adhesive for Mortar and concrete

Description	Kembond 65 is an SBR latex dispersion admixture designed to improve the performance and properties of sand-cement mortars and concrete. It gives a higher mechanical property, better adhesion, waterproof and chemical resistance. It complies with ASTM C-631														
Where to use	• Repair mortars • Tile bedding and jointing mortars • Plaster, screed topping • Additive to cement-based waterproofing products • Old to new concrete														
Advantages	• Improve mechanical properties (tensile, flexural, impact) • Increase bond strength • Reduce shrinkage • Improve workability and elasticity • Increase resistance to water and chemicals • Economic • Easy to apply														
Properties															
Color	Milky white														
Density	1.02 ± 0.01 Kg/lit														
Solid content%	47 ± 5 %														
Ph	7.00 ± 2														
Surface Preparation	• The concrete surface must be sound and clean • All defects must be removed • Use any approved mechanical methods for preparing and cleaning the surface														
Mixing	• To obtain a smooth consistency the cement should be blended slowly into the liquid • Stir frequently during use to offset settlement • All surfaces must be primed by thoroughly scrubbing in a slurry coat as per desired application Mixing Ratio: • Bonding between new and old concrete Cement : Sand : Kembond 65 : Water – 3 : 1 : 1 : 1 up to 4 parts by Volume The slurry should be laid onto the pre-wetted surface immediately to a thickness of 1 – 2mm while new layer should be applied on wet-to-wet application • Repair Mortar <table border="1"> <tr> <td>Portland Cement</td><td>Clean sharp sand</td><td>Kembond 65</td><td>Water</td></tr> <tr> <td>50 Kg</td><td>150 Kg</td><td>1 Part</td><td>3 to 4 Parts</td></tr> <tr> <td colspan="4">The mixture will approximately yield 90 Lit</td></tr> </table> • Contact PROKEM technical office for further information			Portland Cement	Clean sharp sand	Kembond 65	Water	50 Kg	150 Kg	1 Part	3 to 4 Parts	The mixture will approximately yield 90 Lit			
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Application	• Dampen the surfaces immediately ahead of application and remove any excess water • Apply the bonding layer with a brush • Place the mortar while the bonding layer is still wet • Mortar thickness between (6 - 40 mm) • Water/ cement ratio is 0.4 • Working temperature +5 °C Consult PROKEM technical office if further advice is required
Theoretical coverage	0.3 - 0.6 Kg /m ² (depending on the application and w/c ratio, cement content)
Packaging	5 Kg pails 20 Kg pails 120 Kg drums 200 Kg drums
Shelf life & Storage	Kembond 65 has a Shelf life at least 12 months, in its original sealed containers, also it must be Protected from direct sunlight
Cleaning	Application tools should be washed with soap and water immediately after use
Health and Safety	• Kembond 65 is non-toxic if comes in contact with skin • Use gloves to avoid contact with skins • If skin comes in contact, wash immediately with soap and water • Do not use solvents • Eye contamination must be immediately washed with water, then seek medical treatment
Additional Information	PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure. PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range, then and for our customer's satisfaction, PROKEM reserves the right to change the properties of its products. All orders are accepted subject to our current term of sale & delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request. PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products.