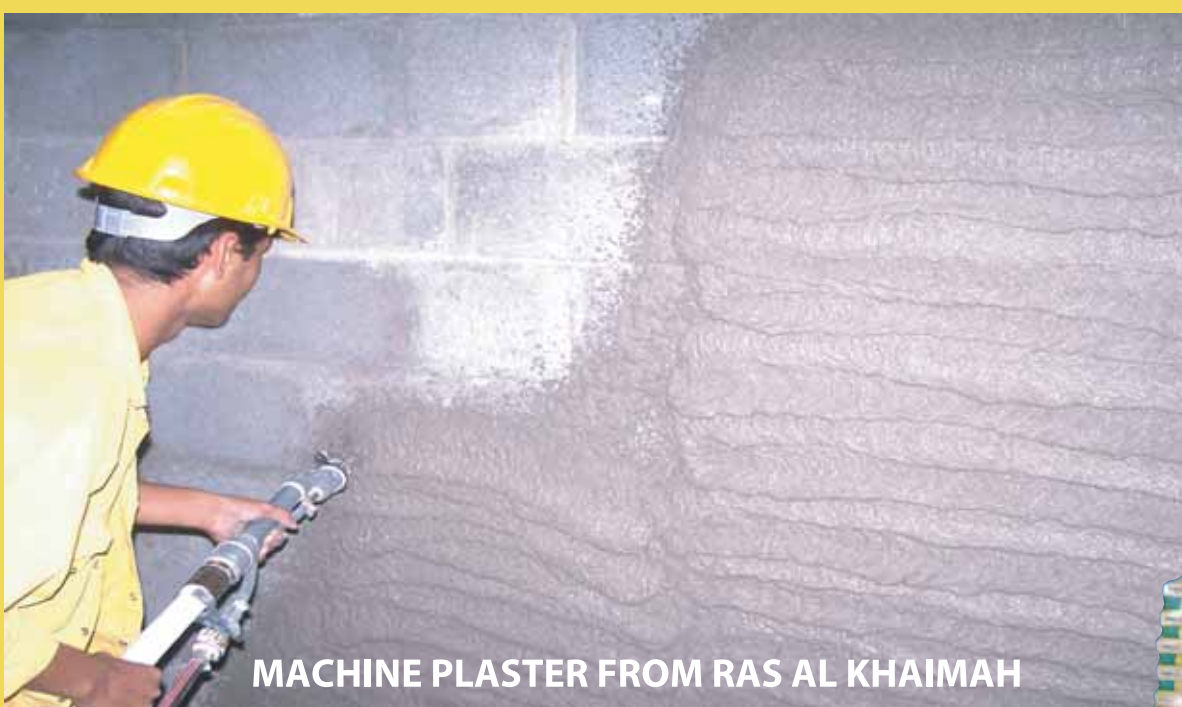


# RAK *fix* L.L.C

- ▶ BONDING KEY COATS
- ▶ CEMENT RENDERS/PLASTERS
- ▶ COLOURED RENDERS
- ▶ GYPSUM PLASTERS
- ▶ MASONRY MORTARS
- ▶ FLOOR SCREEDS
- ▶ CONCRETE REPAIR MORTARS
- ▶ NON SHRINK GROUTS



MACHINE PLASTER FROM RAS AL KHAIMAH



GYPSUM PLASTER



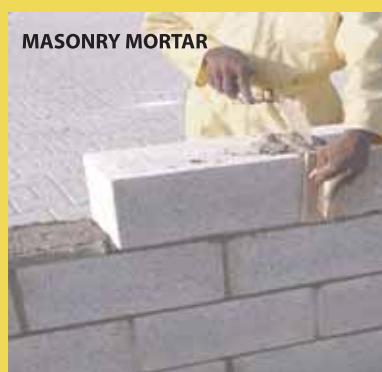
COLOURED RENDER



CONCRETE REPAIR MORTAR



MASONRY MORTAR



[www.rakfix.com](http://www.rakfix.com)



## Company Profile

# RAK *fix* L.L.C



### MACHINE PLASTER FROM RAS AL KHAIMAH

**RAK *fix* is a leading manufacturer of dry mix mortar based on cement, lime and gypsum. RAK *fix* is located in Ras Al Khaimah, which is well known for its high quality natural mineral resources.**



**RAK *fix* dry mix mortars are transported in dry form to the construction site, where only water is added to the dry mortar in specified quantity just before the application.**

**RAK *fix* has a wide range of machines to suit all applications and volume of work. For a large scale of plaster job, plastering machines with the silo system is the perfect solution. Plastering machines mix and spray the wet mortar on to the wall or ceiling where it is leveled and finished by skilled masons. RAK *fix* provides PFT G4 plastering machines to get a consistent quality of wet plaster mortar. An uninterrupted supply of dry mix plaster from the silo, which stands at a convenient place, ensures a continuous work and high output. For high-rise towers relay stations are provided to convey the dry mortar to any desired height. For masonry mortar and screed RAK *fix* provides horizontal screw mixer for continuous supply of wet mortar.**

**RAK *fix* offers jobsite training for the masons for machine operation and application of dry mix products.**

**RAK *fix* dry mix mortars are designed in accordance with the relevant standard specifications of BS, ASTM and DIN. The product range includes different kind of plasters/renders, coloured decorative renders, ordinary and special masonry mortars, screeds, concrete repair mortar and grouts.**

### Advantages of the RAK *fix* dry mix mortars

- ▶ Saving in time and labour.
- ▶ Consistent quality
- ▶ Reduction in overhead cost
- ▶ Wider choice of material and application process
- ▶ Speed of application with machine
- ▶ Pollution and hazards free mechanized process of application
- ▶ Accurate account of material used.
- ▶ Early removal of scaffolding

**RAK *fix* offers the following 2 type of delivery systems**

- ▶ Paper bags in 25-50 kg, palletized and shrink wrapped
- ▶ Silo in 12-20m<sup>3</sup>, with option of refilling at site by tankers

An experienced Sales and Technical Support Service Team of **RAK *fix*** is available to offer you the right kind of material and services to the highest satisfaction.



CONTEMPORARY GARDEN



PLASTER APPLICATION




QUALITY CONTROL LAB




# PRODUCT LIST


## Bonding Keycoat - Cement based

Bondcrete <span>RAK fix 010</span>				
	Benefits	Approx. Coverage [per ton]	Bags per pallet	Product Description
	<ul style="list-style-type: none"> <li>Bonding key coat for normal concrete surface</li> <li>Provides rough textured surface for plastering</li> </ul>	430m <sup>2</sup> @ 2mm thickness	40 bags	Dry mix bonding compound consisting of OPC, quality enhancing additives and processed mineral aggregates. Applied on concrete surface to achieve mechanical key for plastering.

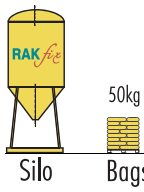
  

Bondcrete <span>RAK fix 012</span>				
	Benefits	Approx. Coverage [per ton]	Bags per pallet	Product Description
	<ul style="list-style-type: none"> <li>Bonding key coat for densified concrete surface</li> <li>Provides rough textured surface for plastering</li> </ul>	430m <sup>2</sup> @ 2mm thickness	40 bags	Dry mix bonding compound consisting of OPC, quality enhancing additives and processed mineral aggregates. Applied on densified smooth concrete surface to achieve mechanical key for plastering.

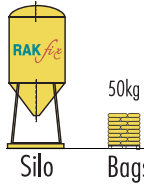
  

Bondcrete <span>RAK fix 014</span>				
	Benefits	Approx. Coverage [per ton]	Bags per pallet	Product Description
	<ul style="list-style-type: none"> <li>Bonding key coat for ultra smooth and impermeable concrete surface.</li> <li>Provides rough textured surface for plastering</li> </ul>	430m <sup>2</sup> @ 2mm thickness	40 bags	Dry mix bonding compound consisting of OPC, quality enhancing additives and processed mineral aggregates. Applied on densified ultra smooth and impermeable concrete surface to achieve mechanical key for plastering.

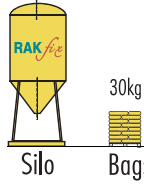
## Renderers/Plasters - Cement Based

Cement lime plaster <span>RAK fix 020</span>				
	Benefits	Approx. Coverage [per ton]	Bags per pallet	Product Description
	<ul style="list-style-type: none"> <li>Suitable for plastering/ rendering of normal concrete blocks and concrete background.</li> <li>Easy to apply by machine and by hand</li> <li>Excellent workability</li> <li>Thickness 10-25 mm in single coat</li> </ul>	42m <sup>2</sup> @ 15mm thickness	40 bags	Dry mix mortar consisting of OPC, hydrated lime, quality enhancing additives and processed mineral aggregates. Applied with machine on concrete blocks and concrete background on interiors and exteriors.


  

Cement lime plaster for AAC/Concrete blocks <span>RAK fix 022</span>				
	Benefits	Approx. Coverage [per ton]	Bags per pallet	Product Description
	<ul style="list-style-type: none"> <li>Suitable for all types of masonry backgrounds</li> <li>Strength compatible with AAC blocks</li> <li>Thickness 15-25mm in two coats</li> </ul>	42m <sup>2</sup> @ 15mm thickness	40 bags	Dry mix mortar consisting of OPC, hydrated lime, quality enhancing additives and processed mineral aggregates. Applied with machine on AAC lightweight blocks on interiors and exteriors.

Light weight cement lime plaster <span>RAK fix 024</span>				
	Benefits	Approx. Coverage [per ton]	Bags per pallet	Product Description
	<ul style="list-style-type: none"> <li>Light weight plaster</li> <li>More yield and coverage</li> <li>10-25 mm thick in single coat</li> <li>Suitable for all masonry and concrete surfaces</li> </ul>	50m <sup>2</sup> @ 15mm thickness	40 bags	Dry mix mortar consisting of OPC, hydrated lime, quality enhancing additives, EPS beads and processed mineral aggregates . Applied with machine on interiors and exteriors.

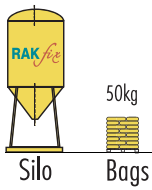
  

Cement plaster <span>RAK fix 025</span>				
	Benefits	Approx. Coverage [per ton]	Bags per pallet	Product Description
	<ul style="list-style-type: none"> <li>High strength - 10N/mm<sup>2</sup></li> <li>Minimum 20mm thick render</li> <li>Hand / machine applied</li> </ul>	30m <sup>2</sup> @ 20mm thickness	40 bags	Dry mix mortar consisting of OPC, quality enhancing additives and processed mineral aggregates . Applied on exteriors plinth of the building.

# PRODUCT LIST

## High strength plaster

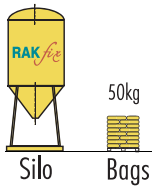
**RAK fix 026**



Benefits	Approx. Coverage [per ton]	Bags per pallet	Product Description
<ul style="list-style-type: none"> <li>High strength <math>\geq 15\text{N/mm}^2</math></li> <li>15 - 50 mm thickness</li> <li>Suitable for artificial rock work and landscaping</li> </ul>	38 m <sup>2</sup> @ 15mm thickness	40 bags	Dry mix mortar consisting of OPC, hydrated lime, quality enhancing additives, fibres and processed mineral aggregates. Applied with machine or by hand.

## Smoothing plaster

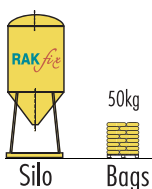
**RAK fix 028**



Benefits	Approx. Coverage [per ton]	Bags per pallet	Product Description
<ul style="list-style-type: none"> <li>Finishing coat plaster</li> <li>3 - 5 mm thickness</li> <li>Suitable for ceiling</li> </ul>	162 m <sup>2</sup> @ 4mm thickness	40 bags	Dry mix fine mortar consisting of OPC, hydrated lime, quality enhancing additives and processed mineral aggregates. Applied with machine or by hand

## Pigmented cement render

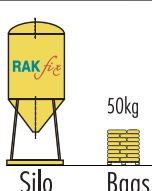
**RAK fix 030**



Benefits	Approx. Coverage [per ton]	Bags per pallet	Product Description
<ul style="list-style-type: none"> <li>Variety of light shades</li> <li>Landscape and heritage finish</li> <li>Suitable for masonry and concrete surfaces</li> <li>15 - 25 mm double coat render</li> </ul>	42m <sup>2</sup> @ 15 mm thickness	40 bags	Premixed pigmented render consisting of white Portland cement, inorganic pigments, quality enhancing additives and processed marble aggregates . Applied with machine on masonry and concrete background.

## Textured Render

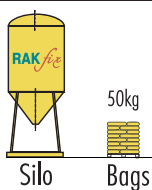
**RAK fix 032**



Benefits	Approx. Coverage [per ton]	Bags per pallet	Product Description
<ul style="list-style-type: none"> <li>Variety of light shades</li> <li>Variety of textures</li> <li>Suitable for masonry and concrete surfaces</li> <li>15 - 25 mm double coat render</li> </ul>	35m <sup>2</sup> @ 15mm thickness	40 bags	Premixed pigmented textured render consisting of white Portland cement, inorganic pigments, quality enhancing additives and processed marble aggregates. Applied with machine on masonry and concrete background.

## Rock plaster

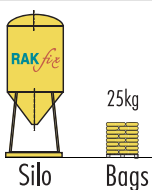
**RAK fix 034**



Benefits	Approx. Coverage [per ton]	Bags per pallet	Product Description
<ul style="list-style-type: none"> <li>High strength <math>&gt;15\text{N/mm}^2</math></li> <li>Landscape and heritage finish</li> <li>Variety of light shades</li> <li>15 - 50 mm thickness</li> </ul>	38 m <sup>2</sup> @ 15 mm thickness	40 bags	Premixed pigmented mortar consisting of white Portland cement, quality enhancing additives, fibres and processed mineral aggregates. Applied with machine or by hand to achieve hard rock like features.

## Gypsum plaster - Standard

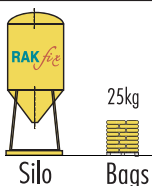
**RAK fix 040**



Benefits	Approx. Coverage [per ton]	Bags per pallet	Product Description
<ul style="list-style-type: none"> <li>Plaster for internal walls and ceilings</li> <li>One coat application in 12-25 mm</li> <li>No water curing</li> <li>Provides cooling effect</li> </ul>	58m <sup>2</sup> @ 12mm thickness	60 bags	Premixed dry mortar consisting of hemi-hydrated gypsum, hydrated lime, quality enhancing additives and processed mineral aggregates. Applied with machine on interior walls and ceilings.

## Gypsum plaster - Thin coat

**RAK fix 042**

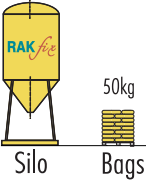
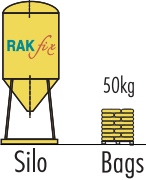
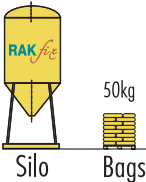


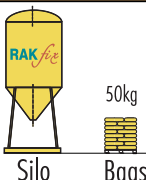
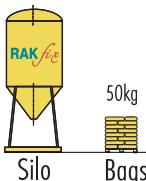


Benefits	Approx. Coverage [per ton]	Bags per pallet	Product Description
<ul style="list-style-type: none"> <li>Thin coat finishing plaster, 3-5mm</li> <li>Applied on concrete and plaster surface</li> <li>No water curing</li> <li>Machine/hand applied</li> </ul>	208 m <sup>2</sup> @ 4mm thickness	60 bags	Premixed dry mortar consisting of hemi-hydrated gypsum, hydrated lime, quality enhancing additives and processed mineral aggregates. Applied with machine or by hand on plastered walls and ceilings.

Coloured Renders

Gypsum Plasters

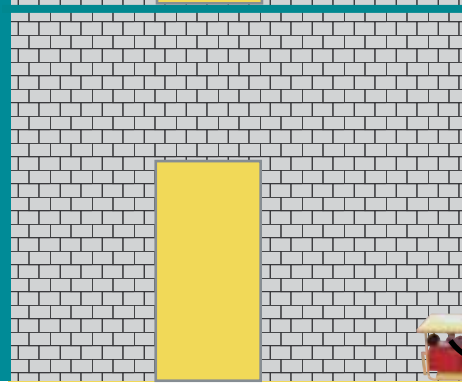
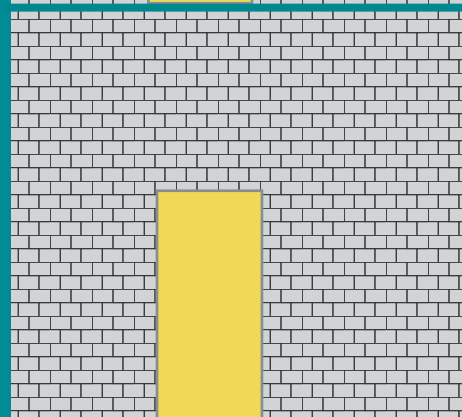
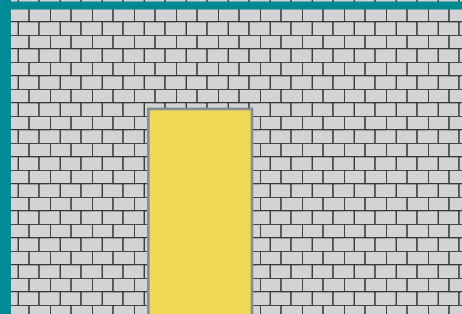
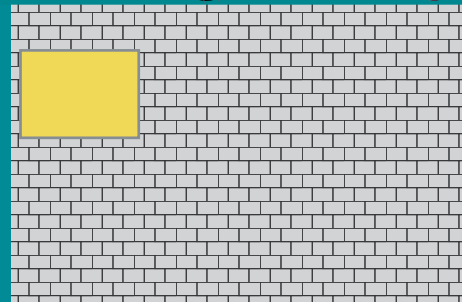
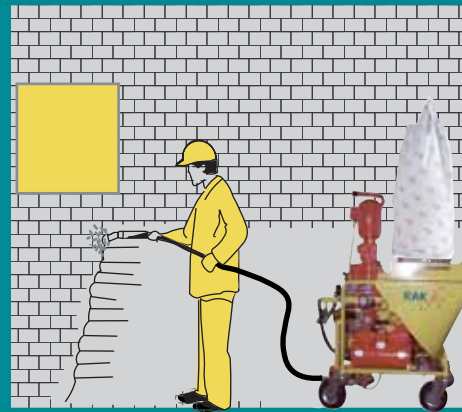
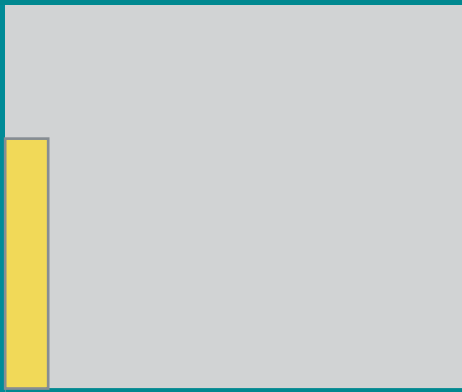
# PRODUCT LIST

Masonry Mortars	Masonry mortar for concrete blocks <b>RAK fix 050</b>				
		<b>Benefits</b> <ul style="list-style-type: none"> <li>• Masonry mortar for laying/ fixing concrete blocks</li> <li>• Excellent workability</li> <li>• Dry and wet pumpable</li> </ul>	<b>Approx. Coverage [per ton]</b> Yield 560 ltr/ton	<b>Bags per pallet</b> 40 bags	<b>Product Description</b> Premixed masonry mortar consisting of OPC, hydrated lime, quality enhancing additives and processed mineral aggregates. Applied with trowel to fix normal concrete blocks.
	Masonry mortar for AAC blocks <b>RAK fix 052</b>				
		<b>Benefits</b> <ul style="list-style-type: none"> <li>• Adhesive mortar for fixing AAC light weight blocks</li> <li>• Thin bed mortar 3-5 mm thick.</li> <li>• Excellent adhesion on smooth and porous AAC blocks</li> </ul>	<b>Approx. Coverage [per ton]</b> Yield 615 ltr/ton	<b>Bags per pallet</b> 40 bags	<b>Product Description</b> Premixed thin bed adhesive mortar consisting of OPC, hydrated lime, quality enhancing additives and processed mineral aggregates. Applied with combing trowel to fix AAC blocks.
Floor screed	Floor screed <b>RAK fix 060</b>				
		<b>Benefits</b> <ul style="list-style-type: none"> <li>• Suitable for 20-100 mm thickness</li> <li>• Self compacting</li> <li>• Excellent workability</li> <li>• 15-40 N/mm<sup>2</sup> strength</li> </ul>	<b>Approx. Coverage [per ton]</b> 25m <sup>2</sup> @20 mm thickness	<b>Bags per pallet</b> 40 bags	<b>Product Description</b> Dry mix screed for rough and uneven concrete floors. Consists of OPC, quality enhancing additives and mineral aggregates.
Concrete Repair Mortars	Repair mortar- moderate strength <b>RAK fix 070</b>				
		<b>Benefits</b> <ul style="list-style-type: none"> <li>• For concrete and masonry repairs</li> <li>• Strength 20N/mm<sup>2</sup></li> <li>• Shrinkage compensated mortar</li> </ul>	<b>Approx. Coverage [per ton]</b> Yield 620 ltr/ton	<b>Bags per pallet</b> 40 bags	<b>Product Description</b> Dry mix mortar for concrete and masonry repairs. Consists of OPC, hydrated lime, special quality enhancing additives and mineral aggregates. Suitable for up to 10 mm thick repair.
	Repair mortar- high strength <b>RAK fix 072</b>				
		<b>Benefits</b> <ul style="list-style-type: none"> <li>• For concrete and masonry repairs</li> <li>• Shrinkage compensated mortar</li> <li>• Strength 40N/mm<sup>2</sup></li> </ul>	<b>Approx. Coverage [per ton]</b> Yield 530 ltr/ton	<b>Bags per pallet</b> 40 bags	<b>Product Description</b> Dry mix mortar for concrete repairs. Consists of OPC, hydrated lime, quality enhancing additives and mineral aggregates. Applied up to 20 mm in each layer.
Non shrink grouts	Non shrink grout- moderate strength <b>RAK fix 080</b>				
		<b>Benefits</b> <ul style="list-style-type: none"> <li>• Strength 40N/mm<sup>2</sup></li> <li>• Shrinkage compensated mortar</li> <li>• Suitable for pouring</li> </ul>	<b>Approx. Coverage [per ton]</b> Yield 510 litre/ton	<b>Bags per pallet</b> 40 bags	<b>Product Description</b> Non shrink anchoring dry mix mortar for fixing machine foundation and other similar type of application. Consists of OPC, quality enhancing additives and mineral aggregates.
	Non shrink grout- high strength <b>RAK fix 082</b>				
		<b>Benefits</b> <ul style="list-style-type: none"> <li>• Strength 70N/mm<sup>2</sup></li> <li>• Shrinkage compensated mortar</li> <li>• Suitable for pouring</li> </ul>	<b>Approx. Coverage [per ton]</b> Yield 510 litre/ton	<b>Bags per pallet</b> 40 bags	<b>Product Description</b> Non shrink anchoring dry mix mortar for fixing machine foundation and other similar type of application. Consists of OPC, quality enhancing additives and mineral aggregates.

All **RAK fix** products are designed according to International Standard specifications, for more details refer to **RAK fix** technical data sheets.

## BENEFITS OF SILO SYSTEM

- ▶ Saving in time and man power
- ▶ Saving in number of manual operations
- ▶ No handling and storage of bags at the construction site
- ▶ Availability of product in required quantity
- ▶ Full protection of material from theft, weather condition & spillage
- ▶ Needs less space
- ▶ Highly efficient mechanised process of plastering



Up to 90 meter,  
higher applications  
are possible when  
"Relay Stations" are  
installed



Silo with screw mixer " LOTUS XL "

**RAK** *fix* L.L.C

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