



KEYCOAT



RENDERS / PLASTERS

GYPSUM PLASTERS

MINERAL FACING PLASTERS

THERMAL INSULATION RENDERS

TILE ADHESIVES / JOINT FILLERS

MASONRY MORTARS

GROUTS & REPAIR MORTARS

DRY CONCRETE

FLOOR SCREEDS



# COMPANY PROFILE

**plaxit**  
DRY MIX COMPANY L.L.C



ATLANTIS THE PALM, DUBAI HOTEL



GARDENS SHOPPING MALL - DUBAI

"PLAXIT" is manufacturer of Dry Mix products based on Cement, Lime and Gypsum.

Dry Mix products are defined as factory made quality controlled mixtures of sand, binders and additives which are transported dry to the construction site and applied there after adding water.

In earlier times masonry mortar, render, plaster, screed or adhesive had to be mixed, prepared and processed by hand. These days, modern process technology allows premix of such products in large quantities and consistent quality. Each stage in production is monitored and controlled by visualization, recipe management and various quality control tools.



PALM ISLAND (JUMEIRAH) - DUBAI



"PLAXIT" offers 4 types of Delivery systems :-

- Paper Bags 25 - 50 kg
- Jumbo Bags approx. 1 - 1.5 ton
- Mini Silos approx. 1 - 2.0 ton
- Silos 12- 20m<sup>3</sup>, Silos can be refilled by tankers



PROJECT IN IRAN



Based on "Just in Time" management system, "PLAXIT" with its Silo and Silo transport system ensures that Dry mortar is available at the construction site as and when required. The company has unique transport/refilling system in the Middle East to **provide mortar on building site at the touch of a button**. A team of sales/demonstration engineers is always available for technical assistance and service to the customers on the correct usage of our products.

**PLAXIT Dry Mix products offer our customers the benefits of :**

- Consistent high quality
- Customized logistics
- Rationalized on the building site
- Cost effective plastering system - massive savings on labour cost.
- Wide range of dry mix products
- Technical knowledge and support system.



BURJ DUBAI RESIDENCES



PLAXIT fulfills all requirements needed for **product approval** at the highest level supported by:

- Computerized production process
- Fully equipped testing laboratory and library with all relevant specifications (DIN/BS/ASTM)
- Large dryer to reduce moisture in raw materials to less than 0.2%
- Extensive sieve system (8 sieves) to classify raw materials

The plaxit laboratory is equipped with all testing facilities as per international quality norms. All raw materials and finished products are tested in accordance to the relevant BS/DIN standards
























"PLAXIT" products are innovative and bring intelligent solutions to construction sites.

"PLAXIT" is the strong, competent brand setting trends and standards.
















## Product list

	Product	Product No.	User Application	Approx. Coverage [per ton]	Packing	Bag per pallet	Product Description
Keycoat - Cement Based	Keycoat - N	PLAXIT 110	<ul style="list-style-type: none"> <li>Eliminate hacking</li> <li>Provide better mechanical Key on normal concrete surface</li> <li>Spray / tyrolean machine applied</li> </ul>	430m <sup>2</sup> @ 2mm thickness	 50 kg	40 bags	Bonding agent for normal concrete surface to avoid hacking, prior to plastering. Consist of ordinary Portland cement, polymer additives and mineral aggregate (0-2mm)
	Keycoat - W	PLAXIT 112	<ul style="list-style-type: none"> <li>Provides better mechanical Key on light weight concrete blocks</li> <li>Spray / tyrolean machine applied</li> </ul>	430m <sup>2</sup> @ 2mm thickness	 50 kg	40 bags	Bonding agent for highly absorbent substrates prior to plastering. Consist of ordinary Portland cement, polymer additives and mineral aggregates (0 - 2mm)
	Keycoat - S	PLAXIT 114	<ul style="list-style-type: none"> <li>Eliminate hacking</li> <li>Provides better mechanical key on highly dense concrete surface</li> <li>Spray / tyrolean machine applied</li> </ul>	430m <sup>2</sup> @ 2mm thickness	 50 kg	40 bags	Bonding agent for ultra smooth polymer modified dense concrete, prior to plastering. Consist of ordinary Portland cement, polymer additives and mineral aggregates (0 - 2mm)
	Keycoat - P	PLAXIT 116	<ul style="list-style-type: none"> <li>Used for fixing fibre mesh on polystyrene sheet</li> <li>Provides mechanical key for plastering on polystyrene sheet.</li> <li>Spray / tyrolean machine applied</li> </ul>	430m <sup>2</sup> @ 2mm thickness	 50 kg	40 bags	Cementitious bonding agent for fixing fiber mesh and providing mechanical key on polystyrene sheet for plastering. Consists of ordinary Portland cement, polymer additives and
Renders and Plasters - Cement Based	Cement plaster/render	PLAXIT 150	<ul style="list-style-type: none"> <li>Plastering / Rendering on concrete blocks</li> <li>High bond strength</li> <li>8 -25 mm thickness</li> </ul>	42 m <sup>2</sup> @ 15mm thickness	 50 kg  Silo	40 bags	Machine applied dry mix plaster for internal and external walls. Consists of ordinary Portland cement, chemical additives and processed mineral aggregates (0 - 1.25)
	Cement render - LS	PLAXIT 154	<ul style="list-style-type: none"> <li>Plastering /Rendering on aerated light weight blocks</li> <li>Low strength</li> <li>8 - 25 mm thickness</li> </ul>	42 m <sup>2</sup> @ 15mm thickness	 50 kg  Silo	40 bags	Machine applied dry mix plaster for low strength and highly absorbent substrates. Consists of ordinary Portland cement, special chemical additives, lime and processed mineral aggregates (0 - 1.25)
	Light weight cement plaster	PLAXIT 155	<ul style="list-style-type: none"> <li>Light weight plaster/render with styropore for concrete blocks</li> <li>Thermal insulation properties</li> <li>8 - 25 mm thickness</li> </ul>	53 m <sup>2</sup> @ 15mm thickness	 30 kg  Silo	40 bags	Machine applied dry mix plaster for internal and external walls. It consists of ordinary Portland cement, processed mineral aggregates (1 - 1.25), styropore and polymer additives.
	Coloured cement render	PLAXIT 158	<ul style="list-style-type: none"> <li>Pigmented plaster</li> <li>Plastering / Rendering on Concrete blocks</li> <li>Suitable for rock landscape features</li> </ul>	42 m <sup>2</sup> @ 15mm thickness	 40 kg  Silo	50 bags	Pigmented cementitious render for internal and external walls and for rock, landscape features. Consists of white Portland cement, special chemical additives, lime and processed mineral aggregate (0 - 1.25)
	Rock plaster	PLAXIT 159	<ul style="list-style-type: none"> <li>Suitable for Rocky/landscape features</li> <li>Wide range of granulometry and strength</li> <li>Available in light shades</li> <li>Applied by hand/plastering machine.</li> </ul>	37 m <sup>2</sup> @ 15mm thickness	 50 kg  Silo	40 bags	High strength, pigmented render for rock work and landscape features. Applied with machine or by hand in desired thickness. Consists of Portland cement, chemical additives, pigments and processed mineral aggregates (0 - 2 mm)
	Cement veneer plaster	PLAXIT 172	<ul style="list-style-type: none"> <li>Thincoat finishing plaster for concrete ceilings &amp; other smooth surface</li> <li>2 - 4 mm thickness</li> </ul>	162 m <sup>2</sup> @ 4mm thickness	 40 kg  Silo	50 bags	Finishing thin coat plaster for walls and ceiling , to provide smooth and uniform plaster surface. Consists of Portland cement, special chemical additives and processed natural mineral aggregates (0 - 0.8mm)
Gypsum based internal Plasters	Gypsum plaster - A	PLAXIT 210	<ul style="list-style-type: none"> <li>Plastering for internal walls/ceilings</li> <li>One coat application</li> <li>No inherent shrinkage</li> <li>No curing required</li> <li>Smooth &amp; aesthetic finish</li> </ul>	56 m <sup>2</sup> @ 12mm thickness	 25 kg  Silo	60 bags	Machine applied gypsum plaster for internal wall ceiling, to provide smooth and aesthetic appearance. Consists of hemi hydrated gypsum, hydrated lime, chemical additives and processed mineral aggregate (0 - 0.8mm)
	Gyplast - Thin coat	PLAXIT 230	<ul style="list-style-type: none"> <li>Thin coat plaster</li> <li>Ideal for ceiling</li> <li>No inherent shrinkage</li> <li>No curing required</li> <li>Ultra smooth &amp; aesthetic finish</li> </ul>	208m <sup>2</sup> @ 4mm thickness	 25 kg  Silo	60 bags	Smoothing plaster for gypsum/cement substrate to provide a smooth and uniform surface. Consists of hemi-hydrated gypsum, hydrated lime, special chemical additives and fine aggregates (0 - 0.3)
	Acoustic plaster	PLAXIT 240	<ul style="list-style-type: none"> <li>Absorbs sound &amp; prevents echo</li> <li>Gives stipple finish</li> <li>Spray/tyrolean machine applied</li> </ul>	130 m <sup>2</sup> @ 12mm thickness	 25 kg  Silo	60 bags	Acoustic plaster is ideal for obtaining seamless, sound-absorbing wall and ceiling surface to improve the acoustic of a large and enclosed space. Consists of hemi-hydrated gypsum, perlite, special chemical additives and mineral aggregates (0 - 2.5)

# Product list

	Product	Product No.	User Application	Approx. Coverage [per ton]	Packing	Bag per pallet	Product Description
	Gypsum Plaster - Thin coat	PLAXIT 250	<ul style="list-style-type: none"> <li>Single coat finish plaster for internal walls and ceilings</li> <li>Applied directly on concrete surface in 4 - 6 mm thickness</li> </ul>	208m <sup>2</sup> @ 4mm thickness	25 kg	60 bags	Gypsum based single coat finishing plaster to provide fair faced finish to rough and uneven concrete surface. Consists of gypsum, hydrated lime, special additives and mineral aggregates.(0 - 0.8)
Mineral Facing Plasters	Sparklite	PLAXIT 310	<ul style="list-style-type: none"> <li>Provides sparkling finish</li> <li>Variety of colours</li> <li>Guaranteed long life performance</li> <li>Available in two shades</li> </ul>	100m <sup>2</sup> @ 5mm thickness	 40 kg	50 bags	Coloured final render coat to provide a sparkling stone finish and achieve a highly decorative appearance. Consists of white Portland cement, marble fillers, glass aggregate, special chemical additives and crushed quartz (0 - 3mm)
	Roller finish	PLAXIT 320	<ul style="list-style-type: none"> <li>Texture finishing plaster</li> <li>Possible to create variety of textures with rollers</li> <li>Maximum thickness up to 2.5mm</li> <li>Suitable for interiors and exteriors</li> </ul>	400m <sup>2</sup> @ 1.5mm thickness	 40 kg	50 bags	Roller applied decorative finish to provide variety of textures in selected colours. Consists of white Portland cement, special chemical additives and processed mineral aggregates (0 - 0.3mm)
	Spray finish	PLAXIT 330	<ul style="list-style-type: none"> <li>Texture finishing plaster</li> <li>Variety of textures with spray machine application</li> <li>Maximum thickness up to 2.5 mm</li> <li>Suitable for interior and exteriors</li> </ul>	400m <sup>2</sup> @ 2.5mm thickness	 40 kg	50 bags	Spray machine applied decorative finishing plaster, to provide a honeycomb textured finish in variety of colours. Consist of white Portland cement, special chemical additives and graded marble fillers (0 - 0.3mm)
	Trowel finish	PLAXIT 341	<ul style="list-style-type: none"> <li>Excellent textures</li> <li>Easy application</li> <li>Maximum thickness 3.5mm</li> <li>Suitable for interiors and exteriors</li> </ul>	160 m <sup>2</sup> @ 3.5mm thickness	 40 kg	50 bags	Trowel applied decorative finishing render, to provide various textures in variety of colours. Consists of white Portland cement, special chemical additives, silica sand and graded marble fillers (0 - 3.5mm)
	Scratch render	PLAXIT 351	<ul style="list-style-type: none"> <li>Decorative render</li> <li>Available in variety of colours</li> <li>Applied in 12 - 15 mm thickness</li> </ul>	42 m <sup>2</sup> @ 15mm thickness	 40 kg  Silo	50 bags	Cementitious decorative self coloured render, applied in one coat to obtain an open scratch finish. Consist of white Portland cement, special chemical additives, silica sand, marble fillers and graded mineral aggregate (1.25 mm)
	Marble finish	PLAXIT 360	<ul style="list-style-type: none"> <li>Thin coat smooth final finish</li> <li>Glossy appearance</li> <li>Water resistant</li> <li>Trowel applied</li> </ul>	1200 m <sup>2</sup> @ 1mm thickness	 20 kg	50 bags	Trowel applied thin coat decorative finish for internal and external walls. Consists of White Portland cement, chemical additives, pigments and fine mineral fillers (100 um)
	Thermal Insulation Renders	Thermal bond	PLAXIT 410	<ul style="list-style-type: none"> <li>Fixing mortar for polystyrene sheet/fibre mesh</li> <li>2 - 3 mm thickness</li> </ul>	350 m <sup>2</sup> @ 2 mm thickness	 40 kg	40 bags
Thermal Insulation render		PLAXIT 412	<ul style="list-style-type: none"> <li>Thermal insulation properties</li> <li>20 - 80 mm thickness as per u value requirement</li> </ul>	34 m <sup>2</sup> @ 40mm thickness	 20 kg  Silo	40 bags	Thermal insulation render for facades and interior walls on all normal rendering bases, AAC concrete blocks etc. for seamless thermal insulation. Consists of ordinary Portland cement, lime, perlite, polymer additives and natural mineral aggregates (0 - 1.4)
Tile Adhesives / Joint Fillers	Tile adhesive Ecobond	PLAXIT 510	<ul style="list-style-type: none"> <li>Thin bed adhesive mortar</li> <li>Excellent bonding &amp; water resistant properties</li> <li>3 - 5 mm thickness</li> </ul>	230 m <sup>2</sup> @ 3mm thickness	 25 kg  Mini Silo	60 bags	Cementitious thin mortar for fixing ceramic tiles on walls and floors. Consists of ordinary Portland cement, special chemical additives, processed mineral aggregates (0 - 0.4 mm)
	Tile adhesive Hibond	PLAXIT 512	<ul style="list-style-type: none"> <li>Thin bed Adhesive mortar</li> <li>Thermal/water resistant</li> <li>3 - 5 mm thickness</li> </ul>	228 m <sup>2</sup> @ 3mm thickness	 25 kg  Mini Silo	60 bags	Cementitious thin mortar with high bonding properties for fixing ceramic tiles on walls and floors. Consists of ordinary Portland cement , special chemical additives and processed mineral aggregate (0 - 0.4mm)
	Tile adhesive Flexibond	PLAXIT 514	<ul style="list-style-type: none"> <li>Thin bed Adhesive mortar</li> <li>Flexible &amp; thermal /water resistant</li> <li>3 - 5 mm thickness</li> </ul>	225 m <sup>2</sup> @ 3mm thickness	 25 kg  Mini Silo	60 bags	Flexible cementitious thin mortar for all kinds of tiles on walls and floors. Consists of ordinary Portland cement, natural mineral fillers, special chemical additives and processed sand (0 - 0.4 mm)
	Plaxifill	PLAXIT 550	<ul style="list-style-type: none"> <li>For filling joints up to 6mm</li> <li>Non - fading pigments</li> <li>Available in all pastel shades</li> </ul>	Yield 690 ltr per ton	 25 kg	60 bags	Cementitious mortar for filling joints of all kinds of tiles up to 6mm in width. Consists of while Portland cement, pigments, chemical additives and quartz silica (0 - 0.2 mm)

# Product list

	Product	Product No.	User Application	Approx. Coverage [per ton]	Packing	Bag per pallet	Product Description
	Plaxifill	PLAXIT 552	<ul style="list-style-type: none"> <li>For filling joints up to 12 mm</li> <li>Flexible</li> <li>Non - fading pigments</li> <li>Available in all shades</li> </ul>	Yield 690 ltr per ton	 25 kg	60 bags	Cementitious mortar for filling joints of all kinds of tiles up to 12 mm in width. Consists of white Portland cement, pigments, chemical additives and quartz silica (0 - 0.3 mm)
	Plaxifill	PLAXIT 554	<ul style="list-style-type: none"> <li>For filling joints up to 12 mm</li> <li>Highly flexible</li> <li>Non fading pigments</li> <li>Available in all pastel shades</li> </ul>	Yield 690 ltr per ton	 25 kg	60 bags	Cementitious flexible mortar for filling joints of all kinds of tiles from 0 to 12mm in width. Consists of white Portland cement, pigments, special chemical additives and quartz silica (0 - 0.3 mm)
Masonry Mortar - Cement Based	Masonry mortar - AAC blocks (Al jazeerah ect)	PLAXIT 610	<ul style="list-style-type: none"> <li>Adhesive mortar for Aerated light weight concrete blocks</li> <li>3 - 5 mm thickness</li> </ul>	Yield 618 ltr per ton	 50 kg  Silo	40 bags	Thin bed mortar for highly absorbed and light weight aerated blocks. Consists of ordinary Portland cement, lime, polymer additives and graded mineral aggregate (0 - 0.5 mm)
	Masonry mortar	PLAXIT 611	<ul style="list-style-type: none"> <li>Masonry mortar for fixing /laying of concrete blocks and AAC blocks</li> </ul>	Yield 630 ltr per ton	 50 kg  Silo	40 bags	Masonry mortar suitable for dry and wet pumping. Easy in working. Consists of Portland cement, special chemical additives and mineral aggregate (1.25 mm)
	Masonry mortar	PLAXIT 612	<ul style="list-style-type: none"> <li>Masonry mortar for concrete blocks</li> <li>Normal strength requirement</li> </ul>	Yield 600 ltr per ton	 50 kg  Silo	40 bags	Cementitious mortar for fixing concrete blocks. Consist of ordinary Portland cement, polymer additives, graded mineral aggregate (0 - 2 mm)
Grouts & Repair Mortars	Repair mortar - LS	PLAXIT 708	<ul style="list-style-type: none"> <li>To repair pin holes, scratches and other minor defects of precast and insitu concrete</li> <li>Suitable for up to 3 mm thick repair</li> </ul>	Yield 625 ltr per ton	 50 kg  Mini Silo	40 bags	A cementitious fine repair mortar, consisting of Portland cement, fine inorganic filler (0 - 0.1mm) and special chemical additives
	Repair mortar - MS	PLAXIT 710	<ul style="list-style-type: none"> <li>For concrete and masonry repairs</li> <li>For moderate strength requirement</li> <li>Up to 20 mm thickness in each application</li> <li>Shrinkage resisting mortar</li> </ul>	Yield 520 ltr per ton	 50 kg  Mini Silo	40 bags	Repair mortar for concrete and masonry repairs. Consists of Portland cement, fibres, polymer additives and graded mineral aggregate (0 - 2 mm)
	Repair mortar - HS	PLAXIT 712	<ul style="list-style-type: none"> <li>For concrete and masonry repairs</li> <li>For high strength requirement</li> <li>Up to 10 mm thickness in each application</li> </ul>	Yield 524 ltr per ton	 50 kg  Mini Silo	40 bags	Repair mortar for concrete and masonry repairs. Consists of Portland cement, fibres, polymer additives and graded mineral aggregate (0 - 2 mm)
	Grout - shrink resistant - MS	PLAXIT 730	<ul style="list-style-type: none"> <li>Shrinkage compensated high strength grouting mortar</li> <li>Industrial usage for anchoring and fixing the machinery parts in to their foundations.</li> <li>Flowable thick pouring mortar</li> </ul>	Yield 510 ltr per ton	 50 kg  Mini Silo	40 bags	Moderate strength non shrink anchoring mortar for fixing machinery foundation, filling slits, dowels, holes etc. Consist of special Portland cement, fibres, chemical additives and processed natural mineral aggregate (0 - 2 mm)
	Grout - shrink resistant - HS	PLAXIT 732	<ul style="list-style-type: none"> <li>Shrinkage compensated high early strength grouting mortar</li> <li>Industrial usage for anchoring and fixing the machinery parts in to their foundations.</li> <li>Flowable thick pouring mortar</li> </ul>	Yield 510 ltr per ton	 50 kg  Mini Silo	40 bags	High strength non-shrink anchoring mortar for fixing machinery foundation, filling slits, dowels, holes etc. Consists of special Portland cements, fibres, chemical additives and processed natural mineral aggregates (0 - 2 mm)
Dry Concrete	Dry concrete	PLAXIT 814	<ul style="list-style-type: none"> <li>Laboratory designed and factory mixed dry concrete</li> <li>Strength grade 15 - 50 N/mm<sup>2</sup></li> <li>Easy to mix and handle at site</li> </ul>	Yield 435 ltr per ton	 50 kg	40 bags	Dry mix concrete with variable strength grade . Consist of ordinary Portland cement, admixtures, polymer additives and graded aggregate (0 - 10mm)
Floor Screed	Bedding mortar	PLAXIT 908	<ul style="list-style-type: none"> <li>Provide an ideal base for tiling</li> <li>Provides fast and large scale outputs</li> <li>Easy to mix and handle</li> <li>Applied in 20 - 50mm thickness</li> </ul>	27 m <sup>2</sup> @ 20mm thickness	 50 kg  Silo	40 bags	Easily spreadable mortar for wide range of surface conditions. Consists of Portland cement, chemical additives and processed mineral aggregates (0 - 2 mm)
	Floor screed	PLAXIT 910	<ul style="list-style-type: none"> <li>To achieve firm and leveled floors</li> <li>Self compacting</li> <li>High mechanical properties</li> <li>Available in different grades</li> <li>Applied in 20 - 60 mm thickness.</li> </ul>	25 m <sup>2</sup> @ 20mm thickness	 50 kg  Silo	40 bags	Easily spreadable and self-compacting screed for wide range of surface conditions. Consists of Portland cement, chemical additives and processed mineral aggregates (0 - 4 mm)

\* All plaxit products have been designed and tested as per recommended International Standards

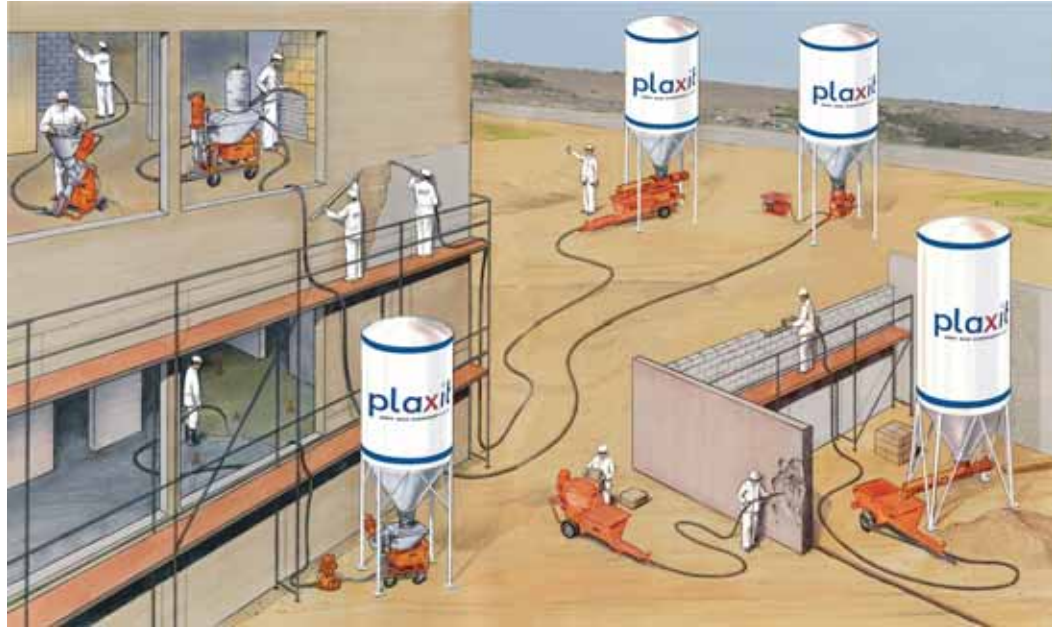
Other than the above products Plaxit has the capability to design and develop a variety of modified Cement / Gypsum based products as per the customers requirements and specification . For detailed information about our products, please refer to our technical data sheet or call (+971) 02 55 00 210 for a full set of brochures.



# Plaxit conveying and mixing system with silos

For all kinds of plasters

- Renders / Plasters
- Gypsum plasters
- Floor screeds



12 m<sup>3</sup>  
18 m<sup>3</sup>  
20 m<sup>3</sup>



up to 140 m



to spray application

Preferably not longer than 15 m

Pneumatic conveying system

G5 Mixing pump

12 m<sup>3</sup>  
18 m<sup>3</sup>  
20 m<sup>3</sup>



Up to 8m<sup>3</sup> / h



Silo with mixing screw HM6

**Concrete and mortar at the touch of a button:  
Anywhere, anytime & any quantity as required**

- Key coat
- Mineral facing plasters
- Tile adhesives
- Masonry mortars
- Filling of bore stakes
- Small precast elements
- Hand plastering



PLAXIT DRY MIX COMPANY L.L. C

P.O.Box: 9107, Abu Dhabi (Mussafah), U.A.E, Tel: (+971) 02 55 00 210, Fax: (+971) 02 55 00 270,

E-mail: [plaxit@plaxit.com](mailto:plaxit@plaxit.com), Website: [www.plaxit.com](http://www.plaxit.com)