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Building Plasters

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GYPSUM PLASTERS



		BUILDING PLASTERS					
		ALÇIMATİK®	ALÇIMATİK PLUS®	ALÇİPER®	SATENPER®	SATENMATİK®	ENTEGRE MOULDING PLASTER
PRODUCT FEATURES	Interior	✓	✓	✓	✓	✓	✓
	Exterior						
PRODUCT PROPERTIES	Manual application			✓	✓ ⁽¹⁾	✓	✓
	Application with the machine	✓	✓			✓	
	First Layer	✓	✓	✓	✓		
	Top Coat	✓	✓		✓	✓	✓
	One Coat	✓	✓	✓			
FIELD OF APPLICATION	Bims, Briquette	✓	✓	✓	✓		
	Brick	✓	✓	✓	✓		
	Aerated block	✓	✓	✓	✓ ⁽²⁾		
	Fair-faced concrete-Wall	✓ ⁽²⁾	✓ ⁽²⁾	✓ ⁽²⁾	✓ ⁽²⁾		
	Fair-faced concrete-Ceiling	✓ ⁽²⁾	✓ ⁽²⁾	✓ ⁽²⁾	✓ ⁽²⁾		
	Gypsum Based Plaster	✓	✓	✓	✓	✓	✓
	Cement Based Plaster	✓	✓	✓	✓	✓	✓
	Plasterboard				✓ ⁽³⁾	✓	✓

(1) Application with the machine provides higher performance.

(2) It is recommended to be used with Primel 600.

(3) It is recommended to be used with Primel 100.



ALÇIMATİK®

Gypsum-Based Machine Applied Plaster

First gypsum-based machine applied plaster produced in Turkey



APPLICATION

SURFACE PREPARATION

- The surface will always be free of form oil, dust, paint and materials that reduce adherence.
- Repair of the cracks and holes should be made using appropriate Entegre Repair Mortars before application.
- Application surface should be dampened with water, if required. PRIMEL 600® is used as adherence increasing primer before application on bright fair faced surfaces, concrete ceilings and walls.
- Application is initiated when the surface is cured.

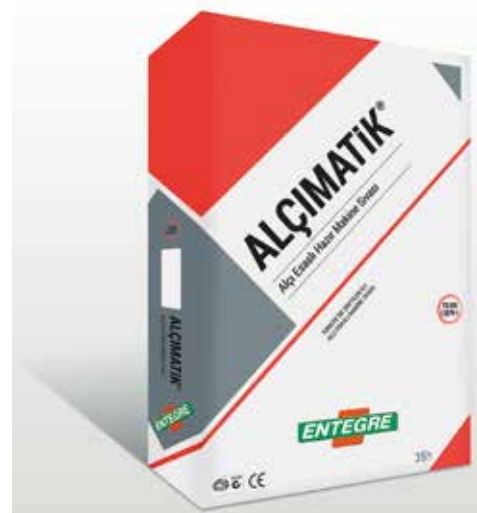
PREPARATION OF THE MORTAR

- ALÇIMATİK® should be mixed with ready-mix plaster machine (15-16 l water/35 kg bag) and sprayed to the surface.
- Application thickness should be between 1 cm and 2.5 cm in one coat.
- If the thickness is more than 2.5 cm, a second coat is applied in max. 2.5 cm thickness before the first coat is set.
- Surface must be levelled.
- When the surface starts to be dried, excess parts on the surface may be removed with a second levelling operation.
- Then, compaction and smoothing is performed with a scraper.
- When the surface reaches the adequate hardness, it should be lightly dampened and smoothed with a sponge and satin surface should be removed.
- A perfect surface is achieved by finishing with steel trowel when the satin on the surface starts to be dried depending on the ambient temperature.
- After about 2 hours, the hardened surface will be lightly dampened and operation will be completed by finishing with steel trowel.



CONSUMPTION

Approx. 10.0 kg/m² for 1 cm of plaster thickness



FIELD OF APPLICATION

Applied on brick, aerated concrete, concrete, fair faced concrete, pumice concrete, briquette walls and ceiling surfaces on interior faces of the buildings.



PROPERTIES

Forms a solid base with high adhesion and compressive strength.

Applied directly on brick, concrete, autoclaved aerated concrete, bims, briquette, etc. materials.

Has high surface hardness and bright appearance.

Improves thermal and sound insulations.

TECHNICAL DATA

Compressive Strength, N/mm ²	≥ 2,0
Bending Strength, N/mm ²	≥ 1,0
Adhesion Strength (Under Dry Conditions), N/mm ²	≥ 0,3
Initial Setting Time, minutes	> 50
Reaction to Fire	A1

CERTIFICATE OF CONFORMITY



TS EN 13279-1 February 2009 / B4-50-2.0
Ministry of Public Works Pos. No: 04.475/B

PACKAGING	STORAGE
35 kg polypropylene bags	6 Months Shelf Life*

* 1 week after opening the package.



COMPLEMENTARY AND AUXILIARY PRODUCTS

PRIMEL 600® (See. Page 74)



ALÇİMATİK PLUS®

Concentrated Machine-Applied Plaster

Covers bigger surface with less material



APPLICATION

SURFACE PREPARATION

- The surface of application will always be free of form oil, dust, paint and materials that reduce adherence.
- Repair of cracks and holes before application must be done with the same material or appropriate Entegre Repair Mortars.
- Surface must be wetted with water if necessary.
- PRIMEL 600® can be used as bonding primer prior to application on glossy surfaces such as fair-faced concrete ceilings and walls.
- Application starts after the surface is dry.

PREPARATION OF THE MORTAR

- ALÇİMATİK PLUS®, mixed with a ready plaster machine (14 litre of water for 25 kg bag) is sprayed on the surface.
- Application thickness should be between 8 mm and 25 mm in one coat.
- If the thickness is more than 25 mm, the second coat is applied with a maximum thickness of 25 mm after setting the first coat.
- Surface is levelled.
- When the surface begins to dry, the surpluses on the surface can be removed by a second levelling.
- Then the surface is compressed and straightened with a steel spatula.
- When the surface has reached a sufficient hardness, the sponge trifle is made by wetting it slightly and the satin surface is removed.
- Depending on the ambient temperature, when the satin on the surface starts to dry, a steel trowel is drawn to obtain a perfect surface.
- If the application surface to be finished only with levelling template, the surface must be compacted.



CONSUMPTION

For 1 cm thickness: About 8,0 kg/m²

PACKAGING	STORAGE
25 kg polypropylene bags	6 Months Shelf Life*

* 1 week after opening the package.



FIELD OF APPLICATION

It is applied on interior surfaces such as brick, concrete, autoclaved aerated concrete, fair-faced concrete, bims, briquette walls and ceiling surfaces.



PROPERTIES

Covers bigger surface with less material.

Applied directly on brick, concrete, autoclaved aerated concrete, bims, briquette, etc. materials.

Makes the surface ready to paint on a single coat.

Applied easily and smoothly by hand mixture in details such as windows and doors faces.

Has high surface hardness and bright appearance.

Improves thermal and sound insulations

TECHNICAL DATA

Compressive Strength, N/mm²	≥ 2,0
Bond Strength, N/mm²	≥ 1,0
Initial Setting Time, min	> 50
Reaction to Fire	A1

CERTIFICATE OF CONFORMITY



TS EN 13279-1 February 2009 / B4-50-2.0

COMPLEMENTARY AND AUXILIARY PRODUCTS

PRIMEL 600® (See. Page 74)



ALÇIPER®



Gypsum-Based Hand Applied Plaster

Ease of application



APPLICATION

SURFACE PREPARATION

- The surface will always be free of form oil, dust, paint and materials that reduce adherence.
- Repair of the cracks and holes should be made using appropriate Entegre Repair Mortars before application.
- Application surface should be dampened with water, if required. PRIMEL 600® is used for adherence increasing primer before application on bright fair faced surfaces, concrete ceilings and walls.
- Application is initiated when the surface is cured.

PREPARATION OF THE MORTAR

- Water will be put to the mixing container first, then ALÇIPER® should be added (17-18 l water/35 kg bag) and it should be mixed until the lumps are removed. Stop for 5 minutes, and mix again to achieve a homogeneous mixture.
- Application thickness should be between 8 mm and 2.5 cm in one coat. If the thickness is more than 2.5 cm, a second coat is applied in max. 2.5 cm thickness before the first coat is set.
- The mortar prepared should be applied with a mortar board or a plastering trowel. Then, the surface must be levelled.
- ALÇIPER® and SATENPER® will be mixed and applied on the surface. In order to finish the surface and prepare it for painting, the surface should be smoothed with a final coat of SATENPER® after the hardening of the surface.



CONSUMPTION

Approx. 10,0 kg/m² for 1 cm of plaster thickness

PACKAGING	STORAGE
30 kg polypropylene bags	6 Months Shelf Life*

* 1 week after opening the package.



FIELD OF APPLICATION

Applied on brick, aerated concrete, concrete, fair faced concrete, pumice concrete, briquette walls and ceiling surfaces on interior faces of the buildings.



PROPERTIES

Provides easy application with sufficient working time.

Forms a solid base with high adhesion
Applied directly on brick, concrete, autoclaved aerated concrete, bims, briquette, etc. materials.

Makes the surface ready to paint on a single coat.

Improves thermal and sound insulations.

TECHNICAL DATA

Compressive Strength, N/mm²	≥ 2,0
Bending Strength, N/mm²	≥ 1,0
Adherence Strength (Under Dry Conditions), N/mm²	≥ 0,1
Initial Setting Time, minutes	> 50
Reaction to Fire	A1

CERTIFICATE OF CONFORMITY



TS EN 13279-1 / February 2009 / B4-50-2.0
Ministry of Public Works Pos. No: 04.737/H



COMPLEMENTARY AND AUXILIARY PRODUCTS

PRIMEL 600® (See. Page 74)
SATENPER® (See. Page 14)

**FIELD OF APPLICATION**

Applied as a final coat on surfaces applied with a fine coat of gypsum- or cement-based plasters on the interior surfaces.

**PROPERTIES**

Provides easy and convenient application thanks to its pastiness and long application time.

Gives excellent results before painting.

TECHNICAL DATA

Compressive Strength, N/mm ²	≥ 2,0
Bending Strength, N/mm ²	≥ 1,0
Initial Setting Time, minutes	> 20
Reaction to Fire	A1

CERTIFICATE OF CONFORMITY

TS EN 13279-1 / February 2009 / C6-20-2,0
Ministry of Public Works Pos. No: 04.458/E

PACKAGING

25 kg polypropylene bags

STORAGE

6 Months Shelf Life*

* 1 week after opening the package.



SATENPER®

Gypsum-Based Satin Plaster

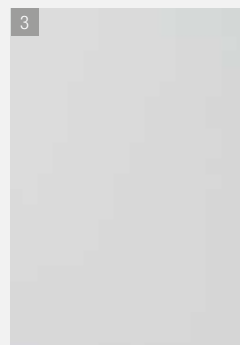
Provides a surface ready for painting

**APPLICATION****SURFACE PREPARATION**

- The surface will always be free of form oil, dust, paint and materials that reduce adherence.

PREPARATION OF THE MORTAR

- Water will be put to the mixing container first, then SATENPER® should be added (15.5-16,5 l water/30 kg bag) and it should be mixed until the lumps are removed. Stop for 5 minutes, and mix again to achieve a homogeneous mixture.
- The mortar prepared should be applied to the surface at a thickness of 1-2 mm with a steel trowel.
- Application is completed by checking the surface with a fine sandpaper before painting.

**CONSUMPTION**

Approx. 1.0 kg/m² for 1 mm of plaster thickness



SATENMATIK®



Gypsum-Based, High Performance Machine and Hand Applied Plaster for Fine Applications

Optimal solution for fair-faced concrete



APPLICATION

SURFACE PREPARATION

- The surface will always be free of form oil, dust, paint and materials that reduce adherence.
- Repair of the cracks and holes should be made using appropriate Entegre Repair Mortars before application.
- Application surface should be dampened with water, if required. PRIMEL 600® is applied to the surface to improve adherence performance on very bright and smooth surfaces.
- Application of SATENMATIK® is initiated when the surface is cured.

PREPARATION OF THE MORTAR

- SATENMATIK® should be mixed with ready-mix plaster mixer (15.5-16.5 l water/40 kg bag) and sprayed to the surface.
- Application thickness should be between 3 and 8 mm in one coat.
- Surface must be levelled.
- When the surface is hardened so that it is not possible to level the surface 45-60 minutes after this operation, plaster surface should be compacted and smoothed using a steel scraper.
- When the surface reaches the adequate hardness, it should be lightly dampened and smoothed with a sponge and satin surface shall be removed.
- After about 1 hours, when the surface is hardened adequately, it will be watered and smoothed with a steel trowel.



CONSUMPTION

Approx. 1.0 kg/m² for 1 mm of plaster thickness



FIELD OF APPLICATION

Applied on brick, aerated concrete, concrete, fair faced concrete, pumice concrete, briquette walls and ceiling surfaces on interior faces of the buildings.



PROPERTIES

Forms a strong surface with high adhesion strength.

Provides a smooth surface

TECHNICAL DATA

Compressive Strength, N/mm ²	≥ 2,0
Bending Strength, N/mm ²	≥ 1,0
Adhesion Strength (Under Dry Conditions), N/mm ²	≥ 0,1
Initial Setting Time, minutes	> 50
Reaction to Fire	A1

CERTIFICATE OF CONFORMITY



TS EN 13279-1 / February 2009 / B1-50-2.0

Ministry of Public Works Pos. No: 04.475/B

PACKAGING	STORAGE
40 kg polypropylene bags	6 Months Shelf Life*

* 1 week after opening the package.



COMPLEMENTARY AND AUXILIARY PRODUCTS

PRIMEL 600® (See. Page 74)

PRIMEL 100® (See. Page 73)



ENTEGRE MOULDING PLASTER

Moulding Plaster



APPLICATION

SURFACE PREPARATION

- The surface must be absolutely free of adherence reducing agents.
- Application surface must be moistened with water if necessary.

PREPARATION OF THE MORTAR

- First water is added to the mixing bowl, then sprinkle the ENTEGRE MOLDING PLASTER (7 litre of water for 10 kg product) until the water surface is completely covered.
- The plaster is allowed to absorb the water for 2-3 minutes and the product is mixed by hand or mechanical mixer until homogeneous at every point.
- Mortar is ready to use after mixing.
- For easier removal of the moulds before casting, the moulds are lubricated with the mould oil to remove the moulds more smoothly.



FIELD OF APPLICATION

It is used for mould casting of the desired models for decorative purposes and in the installation of decorative mould product on the wall. Also, it is used for repair and renovation works in residential and business places with property of rapid solidification. It may be used for other special moulding works and sculpture



PROPERTIES

Can be shaped in mould.
High breathing property
Light weight and strong
Smooth surface
White appearance

TECHNICAL DATA

Water Plaster Rate	70/100
Flexural Strength, N/mm ²	≥ 3,0
Compressive Strength, N/mm ²	≥ 10,0
Slump, mm	>160
Initial Setting Time, min	≥ 8
Final Setting Time, min	>20
Reaction to Fire	A1

CERTIFICATE OF CONFORMITY



TS EN 13279-2 Available for C1 class.

PACKAGING	STORAGE
30 kg and 40 kg PP bag	6 Months Shelf Life*

* 1 week after opening the package.

CONSUMPTION

For 1 mm thickness, 1,0 kg/m²