

# CementMix

## Porcelain Tiles / Porselen Karolar

### Body Type / Bünye

Fullbody Porcelain / Fullbody Porselen  
CementMix Fine Geo  
CementMix Fine Random

Colorbody Porcelain / Colorbody Porselen  
CementMix Micro  
CementMix Flake

### Basic Tile Sizes / Fon Ebatları

80x80 cm (R 797x797 mm)  
60x60 cm (R 597x597 mm)

### Surface Alternatives / Yüzey Alternatifleri

R10A  
R11B

### Basic Tile Colours / Fon Renkleri

Light Grey / Açık Gri  
Grey / Gri  
Dark Grey / Koyu Gri  
Light Greige / Açık Grej  
Greige / Grej  
Dark Greige / Koyu Grej

### Usage Areas / Kullanım Alanları

Residential / Konut  
Commercial / Ticari Alan

### Tiling Areas / Döşeme Alanları

Floor / Yer  
Wall / Duvar

### Frost Resistance / Dona Dayanım

Available / Var

### Shade Variation Classification / Desen Farklılaşması

V1  
V2

### Printing Technology / Baskı Teknolojisi

ReaLook

### Product Standard / Ürün Standardı

EN14411 Group Bla

### Footnotes / Dip Notlar

- F** Suitable for both wall and floor.  
Duvar ve yer için uygundur.
- H** Each tile has different shades of the colour and slightly different designs to give real natural stone, marble, wood or cement impression.  
Her karo, gerçek doğal taş, mermer, ahşap veya çimento izlenimi vermek için farklı renk ve tasarıma sahiptir.
- R** The edges are rectified.  
Kenarlar rektifiyelidir



Porcelain  
Porselen



Floor Tile  
Yer Karosu



Wall Tile  
Duvar Karosu



Pool Surrounding  
Havuz Çevresi



Residential  
Konut



Commercial  
Ticari Alan



Frost Resistance  
Dona Dayanım



Shade Variation  
Desen Farklılaşması



Shade Variation  
Desen Farklılaşması



Matt  
Mat



Rectified  
Rektifiyeli



Non Rectified  
Rektifiyesiz



Novelty  
Yeni



Sizes Ebatlar	Thickness Kalınlık	Pieces in Box Kutu İç Adet	Box m <sup>2</sup> Kutu m <sup>2</sup>	Box Kg Kutu Kg	Units in Pallet Palet İç Kutu Adedi	Pallet m <sup>2</sup> Palet m <sup>2</sup>	Pallet Kg Palet Kg
80x80 Rectified Rektifiyeli	10	2	1,28	27,5	80	51,2	1100
60x60 Rectified Rektifiyeli	9	4	1,44	26,5	120	43,2	807

Body Type / Bünye Tipi: Bla / Bla Fullbody Porcelain Fullbody Porselen			Water Absorption Su Emme	Breaking Strength Kırılma Dayanımı	Bending Strength Eğilme Dayanımı	Resistance to Deep Abrasion Derin Aşınma	Pendulum Dry TRL (55) Pendulum Kuru TRL (55)	Pendulum Wet TRL (55) Pendulum Islak TRL (55)	Pendulum Dry 4S (96) Pendulum Kuru 4S (96)	Pendulum Wet 4S (96) Pendulum Islak 4S (96)	DCOF
Collection Kolleksiyon	Surface Yüzey	Size Ebat	EN ISO 10545-3	EN ISO 10545-4	EN ISO 10545-4	EN ISO 10545-6	BS 7976-2	BS 7976-2	BS 7976-2	BS 7976-2	ANSI A137.1 Section 9.6.1
Fine Geo	R11B	80x80	Avg. Ev ≤ 0,5 %	> 1300 N	Min. 35 N/mm <sup>2</sup>	max. 175 mm <sup>3</sup>	PTVdry ≥ 36	PTVwets24	PTVdry ≥ 36	PTVwets24	≥ 0.42
Fine Geo	R11B	60x60	Avg. Ev ≤ 0,5 %	> 1300 N	Min. 35 N/mm <sup>2</sup>	max. 175 mm <sup>3</sup>	PTVdry ≥ 36	PTVwets24	PTVdry ≥ 36	PTVwets24	≥ 0.42
Fine Random	R10A	80x80	Avg. Ev ≤ 0,5 %	> 1300 N	Min. 35 N/mm <sup>2</sup>	max. 175 mm <sup>3</sup>	PTVdry ≥ 36	PTVwets24	PTVdry ≥ 36	PTVwets24	≥ 0.42
Fine Random	R10A	60x60	Avg. Ev ≤ 0,5 %	> 1300 N	Min. 35 N/mm <sup>2</sup>	max. 175 mm <sup>3</sup>	PTVdry ≥ 36	PTVwets24	PTVdry ≥ 36	PTVwets24	≥ 0.42

Body Type / Bünye Tipi: Bla / Bla Colorbody Porcelain Colorbody Porselen			Water Absorption Su Emme	Breaking Strength Kırılma Dayanımı	Bending Strength Eğilme Dayanımı	Resistance to Deep Abrasion Derin Aşınma	Pendulum Dry TRL (55) Pendulum Kuru TRL (55)	Pendulum Wet TRL (55) Pendulum Islak TRL (55)	Pendulum Dry 4S (96) Pendulum Kuru 4S (96)	Pendulum Wet 4S (96) Pendulum Islak 4S (96)	DCOF
Collection Kolleksiyon	Surface Yüzey	Size Ebat	EN ISO 10545-3	EN ISO 10545-4	EN ISO 10545-4	EN ISO 10545-6	BS 7976-2	BS 7976-2	BS 7976-2	BS 7976-2	ANSI A137.1 Section 9.6.1
Fine Micro	R10A	80x80	Avg. Ev ≤ 0,5 %	> 1300 N	Min. 35 N/mm <sup>2</sup>	max. 175 mm <sup>3</sup>	PTVdry ≥ 36	PTVwets24	PTVdry ≥ 36	PTVwets24	≥ 0.42
Fine Micro	R10A	60x60	Avg. Ev ≤ 0,5 %	> 1300 N	Min. 35 N/mm <sup>2</sup>	max. 175 mm <sup>3</sup>	PTVdry ≥ 36	PTVwets24	PTVdry ≥ 36	PTVwets24	≥ 0.42
Fine Flake	R10A	80x80	Avg. Ev ≤ 0,5 %	> 1300 N	Min. 35 N/mm <sup>2</sup>	max. 175 mm <sup>3</sup>	PTVdry ≥ 36	PTVwets24	PTVdry ≥ 36	PTVwets24	≥ 0.42
Fine Flake	R10A	60x60	Avg. Ev ≤ 0,5 %	> 1300 N	Min. 35 N/mm <sup>2</sup>	max. 175 mm <sup>3</sup>	PTVdry ≥ 36	PTVwets24	PTVdry ≥ 36	PTVwets24	≥ 0.42

# Technical Characteristics / Teknik Özellikler

Technical Characteristics Teknik Özellikler Technische Eigenschaften Caractéristiques Techniques	Test Standard Test Metodu Prüfung nach Méthode du test	PORCELAIN BODY Unglazed / Sırsız Unglasierte / Non Émaillés		PORCELAIN BODY Glazed / Sırlı Glasierte / Émaillés		FLOOR TILE BODY Glazed / Sırlı Glasierte / Émaillés		FLOOR TILE BODY Glazed / Sırlı Glasierte / Émaillés		WALL TILE BODY Glazed / Sırlı Glasierte / Émaillés	
		EN 14411 Group Bla Annex G		EN 14411 Group Bla Annex G		EN 14411 Group B1b Annex H		EN 14411 Group B1a Annex J		EN 14411 Group B1l Annex L	
		Nominal Size ≥ 15cm		Nominal Size ≥ 15cm		Nominal Size ≥ 15cm		Nominal Size ≥ 15cm		Nominal Size ≥ 15cm	
<b>Dimension And Surface Quality</b>											
Length and Width / Uzunluk ve Genişlik / Länge und Breite / Longueur et Largeur	EN ISO 10545-2	± 0,6%	± 2mm	± 0,6%	± 2mm	± 0,6%	± 2mm	± 0,6%	± 2mm	± 0,5 %	± 2mm
Thickness / Kalınlık / Dicke / Epaisseur	EN ISO 10545-2	± 5%	± 0,5mm	± 5%	± 0,5mm	± 5%	± 0,5mm	± 5%	± 0,5mm	+ 10%	± 0,5mm
Thickness / Kalınlık / Dicke / Epaisseur	EN ISO 10545-2	± 0,5%	± 1,5mm	± 0,5%	± 1,5mm	± 0,5%	± 1,5mm	± 0,5%	± 1,5mm	+ 0,3%	± 1,5mm
Thickness / Kalınlık / Dicke / Epaisseur	EN ISO 10545-2	± 0,5%	± 2mm	± 0,5%	± 2mm	± 0,5%	± 2mm	± 0,5%	± 2mm	± 0,5%	± 2mm
Thickness / Kalınlık / Dicke / Epaisseur	EN ISO 10545-2	± 0,5%	± 2mm	± 0,5%	± 2mm	± 0,5%	± 2mm	± 0,5%	± 2mm	± 0,5% - 0,3 %	± 2mm - 1,5mm
Surface Quality / Yüzey Kalitesi/ Oberflächenbeschaffenheit / Qualité De Surface	EN ISO 10545-2	Min. 95 %		Min. 95 %		Min. 95 %		Min. 95 %		Min. 95 %	
<b>Physical Properties</b>											
Water Absorption / Su Emme / Wasserufnahme / Absorption D'eau	EN ISO 10545-3	± 0,5 %		± 0,5 %		0,5% < E ≤ 3,0 %		3,0% < E ≤ 6,0 %		E > 10%	
Modulus Of Rupture / Eğilme Dayanımı / Biegefestigkeit / Résistance À La Flexion	EN ISO 10545-4	Min. 35 N/mm <sup>2</sup>		Min. 35 N/mm <sup>2</sup>		Min. 30 N/mm <sup>2</sup>		Min. 22 N/mm <sup>2</sup>		Min. 15 N/mm <sup>2</sup>	
Breaking Strength / Kırılma Dayanımı / Bruchlast / Force De Rupture	EN ISO 10545-4	Min.1300 N (t±7,5mm) Min. 700 N (t±7,5mm)		Min.1300 N (t±7,5mm) Min. 700 N (t±7,5mm)		Min. 1100 N (t±7,5mm) Min. 700 N (t±7,5mm)		Min. 1000 N (t±7,5mm) Min. 600 N (t±7,5mm)		Min.600N ( t±7,5mm) Min.200 N (t±7,5mm)	
Surface Abrasion / Yüzey Aşınma / Widerstand Gegen Oberflächenverschleiß / Résistance À L'abrasion Pei	EN ISO 10545-7	NA		As Specified In The Catalogue		As Specified In The Catalogue		As Specified In The Catalogue		Not Intended To Be Used On The Floor	
Deep Abrasion / Derin Aşınma / Widerstand Gegen Tiefenverschleiß / Résistance À L'abrasion Profonde	EN ISO 10545-6	Max. 175 mm <sup>3</sup>		NA		NA		NA		NA	
Linear Thermal Expansion / Lineer Isıl Genleşme / Lineer Wärmeausdehnungs Koeffizient / Coeff. De Dilatation Therm. Maxi	EN ISO 10545-8	Max 9 x 10 <sup>-6</sup> K <sup>-1</sup>		Max 9 x 10 <sup>-6</sup> K <sup>-1</sup>		Max 9 x 10 <sup>-6</sup> K <sup>-1</sup>		Max 9 x 10 <sup>-6</sup> K <sup>-1</sup>		Max 9 x 10 <sup>-6</sup> K <sup>-1</sup>	
Thermal Shock Resistance / Isı Şokuna Dayanım / Temperaturwechselbeständigkeit / Résistance Aux Écart de Température	EN ISO 10545-9	Pass / Başarılı Erreicht / Conforme		Pass / Başarılı Erreicht / Conforme		Pass / Başarılı Erreicht / Conforme		Pass / Başarılı Erreicht / Conforme		Pass / Başarılı Erreicht / Conforme	
Frost Resistance / Don Dayanımı / Frostbeständigkeit / Résistance au Gel	EN ISO 10545-12	Pass / Başarılı Erreicht / Conforme		Pass / Başarılı Erreicht / Conforme		Pass / Başarılı Erreicht / Conforme		NPD		---	
Coefficient of Friction / Sürtünme Katsayısı / Reibungskoeffizient / Résistance À la Glissance	Declared Test Method Beyan Edilen Metod Angabe Prüfverfahren	As Specified In The Catalogue		As Specified In The Catalogue		As Specified In The Catalogue		As Specified In The Catalogue		Not Intended To Be Used On The Floor	
Crazing Resistance / Sırlı Karolarda Çatlama Dayanım / Widerstand Gegen Glassurrisse Résistance Au Tressailage	EN ISO 10545-11	---		Pass / Başarılı Erreicht / Conforme		Pass / Başarılı Erreicht / Conforme		Pass / Başarılı Erreicht / Conforme		Pass / Başarılı Erreicht / Conforme	
Reaction to Fire / Ateş Dayanıklılık / Reaktion Gegenüber Feuer / Réaction au Feu	---	Class A1 or A1 <sub>FL</sub>		Class A1 or A1 <sub>FL</sub>		Class A1 or A1 <sub>FL</sub>		Class A1 or A1 <sub>FL</sub>		Class A1 or A1 <sub>FL</sub>	
Small Colour Differences for Plain Coloured Tiles / Tek Renkli Karolarda Küçük Renk Farklılıkları / Farbabweichungen Zwischen Einfarbig Glasierten Keramischen Fliesen Und Platten / De Faibles Différences De Couleur Entre Carreaux Céramiques De Couleur Unie	EN ISO 10545-16	ΔE < 1,0		ΔE < 0,75		ΔE < 0,75		ΔE < 0,75		ΔE < 0,75	
<b>Chemical Resistance</b>											
Staining Resistance / Lekelenmeye Dayanım / Fleckbeständigkeit / Résistance Aux Taches	EN ISO 10545-14	Test Method Available Test Metodu Bulunur Prüfverfahren Vorhanden Méthode D'essai Applicable		Min. Class / Sınıf 3 Klasse / Classe 3		Min. Class / Sınıf 3 Klasse / Classe 3		Min. Class / Sınıf 3 Klasse / Classe 3		Min. Class / Sınıf 3 Klasse / Classe 3	
Resistance to Household Chemicals and Swimming Pool Water Cleaners / Ev Kimyasalları ve Yüzme Havuzu Temizleyicilerine Dayanım / Beständigkeit Gegen Haushaltschemikalien und Badewasserzusätze / Résistance Aux Produits Ménagers	EN ISO 10545-13	Class / Sınıf Klasse / Classe Min. B		Class / Sınıf Klasse / Classe Min. B		Class / Sınıf Klasse / Classe Min. B		Class / Sınıf Klasse / Classe Min. B		Class / Sınıf Klasse / Classe Min. B	
Resistance to Low Concentrations Acids&Alkalis / Düşük Konsantrasyonlu Asit ve Alkali Dayanımı / Beständigkeit Gegen Säuren und Laugen Mit Niedriger Konzentration / Résistance Aux Produits Bas Concentration Acides et Bases	EN ISO 10545-13	Class / Sınıf Klasse / Classe LA-LC		Class / Sınıf Klasse / Classe LA-LC		Class / Sınıf Klasse / Classe LA-LC		Class / Sınıf Klasse / Classe LA-LC		Class / Sınıf Klasse / Classe LA-LC	
Resistance To High Concentrations Acids&Alkalis / Yüksek Konsantrasyonlu Asit Ve Alkali Dayanımı / Beständigkeit Gegen Säuren Und Laugen Mit Hoher Konzentration / Résistance Aux Produits Haut Concentration Acides Et Bases	EN ISO 10545-13	Class / Sınıf Klasse / Classe HA-HC		Class / Sınıf Klasse / Classe HA-HC		Class / Sınıf Klasse / Classe HA-HC		Class / Sınıf Klasse / Classe HA-HC		Class / Sınıf Klasse / Classe HA-HC	

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