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# data sheet

Version 2021.1

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# Terracotta Salmon

	Parameter	Value	Standard
	Dimensions	Specific to each format	UNE-EN ISO 10545-2
	Water Absorption	≥ 10%	UNE-EN ISO 10545-3
	Apparent Porosity	≥ 20%	UNE-EN ISO 10545-3
	Bulk Density	1800 kg/m <sup>3</sup> (± 10%)	UNE-EN ISO 10545-3
	Breaking Strength	Cuadrado 20×20×2,5    ≥ 2000 N	UNE-EN ISO 10545-4
		Ladrillo 25×12×3        ≥ 3500 N	UNE-EN ISO 10545-4
	Bending Strength	Cuadrado 20×20×2,5    ≥ 7 N/mm <sup>2</sup>	UNE-EN ISO 10545-4
		Ladrillo 25×12×3        ≥ 8 N/mm <sup>2</sup>	UNE-EN ISO 10545-4
	Deep Abrasion	≤2375 mm <sup>3</sup>	UNE-EN ISO 10545-6
	Frost Resistance - Compliant	Compliant	UNE-EN ISO 10545-12
	Slip Resistance	Class 3 (> 45)	UNE-EN 41901:2017 EX
	Adhesion Strength	≥ 0,15 N/mm <sup>2</sup> (common mortars)	UNE-EN 998-2 Anexo C
	Reaction to Fire	Class A1	EN 13501-1

## Observations

The values for Breaking Strength and Bending Strength depend on the geometry of each format. All other values are common to all geometries and formats.












\*(see formats in the Appendix)

## Uses

Indoor and outdoor.  
Wall and floor tiling.



# Terracotta Rust Red

	Parameter	Value	Standard
	Dimensions	Specific to each format	UNE-EN ISO 10545-2
	Water Absorption	≥ 10%	UNE-EN ISO 10545-3
	Apparent Porosity	≥ 20%	UNE-EN ISO 10545-3
	Bulk Density	1800 kg/m <sup>3</sup> (± 10%)	UNE-EN ISO 10545-3
	Breaking Strength	Cuadrado 20×20×2,5    ≥ 2000 N	UNE-EN ISO 10545-4
		Ladrillo 25×12×3    ≥ 3500 N	UNE-EN ISO 10545-4
	Bending Strength	Cuadrado 20×20×2,5    ≥ 7 N/mm <sup>2</sup>	UNE-EN ISO 10545-4
		Ladrillo 25×12×3    ≥ 8 N/mm <sup>2</sup>	UNE-EN ISO 10545-4
	Deep Abrasion	≤2375 mm <sup>3</sup>	UNE-EN ISO 10545-6
	Frost Resistance - Compliant	Compliant	UNE-EN ISO 10545-12
	Slip Resistance	Class 3 (> 45)	UNE-EN 41901:2017 EX
	Adhesion Strength	≥ 0,15 N/mm <sup>2</sup> (common mortars)	UNE-EN 998-2 Anexo C
	Reaction to Fire	Class A1	EN 13501-1

## Observations












The values for Breaking Strength and Bending Strength depend on the geometry of each format. All other values are common to all geometries and formats.

\*(see formats in the Appendix)

## Uses

Indoor and outdoor.  
Wall and floor tiling.

# Terracotta Slate

	Parameter	Value	Standard
	Dimensions	Specific to each format	UNE-EN ISO 10545-2
	Water Absorption	≥ 10%	UNE-EN ISO 10545-3
	Apparent Porosity	≥ 20%	UNE-EN ISO 10545-3
	Bulk Density	1800 kg/m <sup>3</sup> (± 10%)	UNE-EN ISO 10545-3
	Breaking Strength	Cuadrado 20×20×2,5    ≥ 2000 N	UNE-EN ISO 10545-4
		Ladrillo 25×12×3        ≥ 3500 N	UNE-EN ISO 10545-4
	Bending Strength	Cuadrado 20×20×2,5    ≥ 7 N/mm <sup>2</sup>	UNE-EN ISO 10545-4
		Ladrillo 25×12×3        ≥ 8 N/mm <sup>2</sup>	UNE-EN ISO 10545-4
	Deep Abrasion	≤2375 mm <sup>3</sup>	UNE-EN ISO 10545-6
	Frost Resistance - Compliant	Compliant	UNE-EN ISO 10545-12
	Slip Resistance	Class 3 (> 45)	UNE-EN 41901:2017 EX
	Adhesion Strength	≥ 0,15 N/mm <sup>2</sup> (common mortars)	UNE-EN 998-2 Anexo C
	Reaction to Fire	Class A1	EN 13501-1

## Observations












The values for Breaking Strength and Bending Strength depend on the geometry of each format. All other values are common to all geometries and formats.

\*(see formats in the Appendix)

## Uses

Indoor and outdoor.  
Wall and floor tiling.

# Terracotta Flamed Straw

	Parameter	Value	Standard
	Dimensions	Specific to each format	UNE-EN ISO 10545-2
	Water Absorption	≥ 10%	UNE-EN ISO 10545-3
	Apparent Porosity	≥ 20%	UNE-EN ISO 10545-3
	Bulk Density	1780 kg/m <sup>3</sup> (± 10%)	UNE-EN ISO 10545-3
	Breaking Strength	Cuadrado 20×20×2,5    ≥ 2000 N	UNE-EN ISO 10545-4
		Ladrillo 25×12×3    ≥ 3500 N	UNE-EN ISO 10545-4
	Bending Strength	Cuadrado 20×20×2,5    ≥ 8 N/mm <sup>2</sup>	UNE-EN ISO 10545-4
		Ladrillo 25×12×3    ≥ 8 N/mm <sup>2</sup>	UNE-EN ISO 10545-4
	Deep Abrasion	≤ 2375 mm <sup>3</sup>	UNE-EN ISO 10545-6
	Frost Resistance - Compliant	Compliant	UNE-EN ISO 10545-12
	Slip Resistance	Class 3 (> 45)	UNE-EN 41901:2017 EX
	Adhesion Strength	≥ 0,15 N/mm <sup>2</sup> (common mortars)	UNE-EN 998-2 Anexo C
	Reaction to Fire	Class A1	EN 13501-1

## Observations












The values for Breaking Strength and Bending Strength depend on the geometry of each format. All other values are common to all geometries and formats.

\*(see formats in the Appendix)

## Uses

Indoor and outdoor.  
Wall and floor tiling.

# Terracotta Ancient White

	Parameter	Value	Standard
	Dimensions	Specific to each format	UNE-EN ISO 10545-2
	Water Absorption	≥ 10%	UNE-EN ISO 10545-3
	Apparent Porosity	≥ 20%	UNE-EN ISO 10545-3
	Bulk Density	1500 kg/m <sup>3</sup> (± 10%)	UNE-EN ISO 10545-3
	Breaking Strength	Cuadrado 20×20×2,5 ≥ 900 N	UNE-EN ISO 10545-4
	Bending Strength	Cuadrado 20×20×2,5 ≥ 4 N/mm <sup>2</sup>	UNE-EN ISO 10545-4
	Deep Abrasion	≤2357,5 mm <sup>3</sup>	UNE-EN ISO 10545-6
	Frost Resistance - Compliant	Compliant	UNE-EN ISO 10545-12
	Slip Resistance	Class 3 (> 45)	UNE-EN 41901:2017 EX
	Adhesion Strength	≥ 0,15 N/mm <sup>2</sup> (common mortars)	UNE-EN 998-2 Anexo C
	Reaction to Fire	Class A1	EN 13501-1

## Observations

The values for Breaking Strength and Bending Strength depend on the geometry of each format. All other values are common to all geometries and formats.

\*(see formats in the Appendix)

## Uses

Indoor and outdoor.  
Wall and floor tiling.

# Annex: Formats

## Cuadrado (Squares)

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Cuadrados 10  
Cuadrados 15  
Cuadrados 20  
Cuadrados 30

## Rectángulo (Rectangle)

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Rectángulo 40×20  
Rectángulo 40×10  
Rectángulo 30×20  
Rectángulo 30×15  
Rectángulo 30×10  
Rectángulo 20×10

## Triángulo (Triangles)

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Triángulo 20  
Triángulo 30

## Rombo (Rhombus)

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Rombo iso 20  
Rombo iso 10  
Rombo Octo 20  
Rombo Penrose 20 estrecho  
Rombo Penrose 20 ancho

## Flecha (Arrow)

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Flecha iso 20

## Hexágono (Hexagons)

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Hexágono 20  
Hexágono 30

## Escama (Scales)

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Escama 28  
Escama 14

## Nudo (Knots)

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Nudo 28  
Nudo 14

## Prisma (Prisms)

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Prisma 28×10  
Prisma 55×20

## Hélice (Helix)

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Hélice 20 de 3 puntas  
Hélice 20 de 4 puntas

## Ladrillo Rústico (Rustic bricks)

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Ladrillo rústico 25×12  
Medio ladrillo r. 25×6×3  
Medio ladrillo r. 25×6×6

**todobarro.**

info@todobarro.com  
(+34) 952 021 907

Pl. Poeta Alfonso Canales 4, ofc. 3  
29001 Málaga (Spain)

**todobarro.com**