

# More than white

**Product description** Modular collection consisting of glazed wall tiles, strips and mosaic tiles together with Ultragres floor tiles matched for size, thickness and colour to offer the best combination potential. Modularity uses a 3 mm joint width.

**Glazed wall tiles and strips**

Glazed, dry-pressed ceramic wall tiles, with white body, in accordance with EN 14411 BIII, with water absorption >10%, not frost-resistant, manufactured using a double fired system.

**Mosaic**

Mosaic of glazed, dry-pressed ceramic wall tiles, with white body, in accordance with EN 14411 BIa, with water absorption ≤0.5%, frost-resistant, manufactured using a double fired system, with spot-glued backing.

**Unglazed floor tiles and relief strips**

Ceramic, unglazed, dry-pressed, double-hardened, fully vitrified floor tiles, manufactured using Mosa's patented Ultragres procedure, in accordance with EN 14411 BIa, with water absorption of <0.05% on the surface and water absorption of ≤0.3% on the underside. Matt tile surface with natural appearance, which is achieved by random scatter patterns introduced in the production process. The surface has a direction that is recommended to be used as a factor in the arrangement of the tiles.

Application: walls and floors in interiors and exteriors.

**Product advantages** The More than white series offers a number of different style concepts that are perfectly suited for combination. In addition, wall tiles, mosaic and matching floor tiles can be combined in a modular system allowing for striking, contemporary strip patterns to be created. The strips of set 48014 are sorted by shade, so that surfaces with an even shade can be created.

**Product specification** **Glazed wall tiles & strips**

**Dimensions, thicknesses, item codes and colours**

Modular matte in cm incl. 3 mm joint	Manufacturing size in mm	Item code	Colour
30 x 60	297 x 597 x 11	48010	Plain white gloss
		48020	Plain white matt
		48030	Floral design white matt
		48040	Floral design black matt
10 x 60	97 x 597 x 11	48014	Plain white gloss
15 x 60	147 x 597 x 11		
20 x 60	197 x 597 x 11		

- Recommended joint width 3 mm for modular system.
- The dimensions of unglazed floor tiles are a modular fit with the dimensions of the modular Mosa More than White wall tiles.
- The glazed strips of various dimensions are supplied as a set to prevent tint differences. The strips of set 48014 are sorted by tint.

# More than white

## Technical data

### Glazed wall tiles and strips

#### Properties in accordance with standard EN 14411 BIII and Mosa Standard

Property	ISO-Test	Requirement EN 14411 BIII	Mosa standard
Length and width	10545-2	+/- 0.5%	+/- 0.4%
Thickness	10545-2	+/- 0.6 mm	+/- 0.4 mm
Straightness of sides	10545-2	+/- 0.3%	+/- 0.2%
Warpage	10545-2	+/- 0.5%	+/- 0.4%
Water absorption	10545-3	>10%	19%
Bending strength	10545-4	15 N/mm <sup>2</sup>	24 N/mm <sup>2</sup>
Coefficient of linear thermic expansion	10545-8	$9 \times 10^{-6} [K^{-1}]$	$7,5 \times 10^{-6} [K^{-1}]$
Thermal shock resistance	10545-9	Required	Resistant
Frost-resistance	10545-12	Not required	Not resistant
Chemical resistance against: Household chemicals Swimming pool salts	10545-13	Required	GA*
Acids and alkalis		Required	GLA**
Staining agents	10545-14	≥3	5

\* GA = no visible effects, not even with pencil test.

\*\* GLA = no visible effects (with low dosage).

## Tiling recommendations

### Glazed wall tiles and strips

Mosa glazed wall tiles and strips can be fixed with any conventional tiling method, using any mortar or adhesive suitable for use with wall tiles. Before fixing the tiles, consult the adhesive manufacturer's user guide. The long sides of the strips are sawn. The cut edge may differ from the long glazed side. For this reason, these strips should be set using wedges. With these variable spacers, the long glazed sides of the strips can be placed perfectly in line.

## Product specification

### Mosaic, floor tiles and relief strips

#### Dimensions, thicknesses, item codes and colours

Modular sizes in cm incl. 3 mm joint	Manufacturing size in mm	Item code	Colour
30 x 30	297 x 297 x 5	501MZ*	White gloss
		509MZ*	Black gloss
60 x 60	597 x 597 x 12	228 V	Light warm gre
		236 V	Mid warm grey
		223 V	Dark moss grey
		210 V	Warm porcelain white
		203 V	Cool black
		216 V	Anthracite
10 x 60 15 x 60 20 x 60	96 x 596 x 12 146 x 596 x 12 196 x 596 x 12	223 RL	Dark moss-grey

• Mosaic is delivered on spot-glued mats.

**Technical data****Mosaic, floor tiles and strips****Properties in accordance with standard EN 14411 Bla and Mosa Standard**

Property	ISO-Test	Req. EN 14411 Bla	Mosa Standard
Length and width	10545-2	+/-0,6%	30 x 30: +/-0,3% 30 x 60: +/-0,03%
Thickness	10545-2	+/-5%	+/-3%
Warpage	10545-2	+/-0,5%	30 x 30: +/-0,2% 30 x 60: +/-0,2%
Slip resistance	See Technical Product Sheet, Ultragres Antislip		
Water absorption	10545-3	≤0,5%	Surface: <0,05% Underside: ≤0,3%
Bending strength	10545-4	27 N/mm <sup>2</sup>	40 N/mm <sup>2</sup>
Wear resistance	10545-6	205 mm <sup>3</sup>	120 +/- 30mm <sup>3</sup>
Coefficient of linear thermic expansion	10545-8	9 x 10 <sup>-6</sup> [K <sup>-1</sup> ]	8 x 10 <sup>-6</sup> [K <sup>-1</sup> ]
Thermal shock resistance	10545-9	Required	Resistant
Frost-resistance	10545-12	Required	Resistant
Chemical resistance	10545-13		Class UA*
Staining agents	10545-14	≥3	5

\* Chemical resistance against household chemicals, Swimming pool salts, acids and alkalis:  
Class UA = highest class = no visible effects, not even with pencil test.

**Tiling recommendations****Mosaic**

Mosa mosaic can be placed with any conventional tiling method, using any mortar or adhesive suitable for use with wall tiles. Please consult the adhesive manufacturer's instructions. Due to the nature of the mosaic, it cannot be guaranteed that each sheet is perfectly square. It is advisable to cut the mats around the edges prior to tiling so as to make the fit as seamless as possible. The More than white mosaic is thinner than the More than white glazed wall tiles. The difference in thickness must be considered when fixing. After fixing, the mosaic mats should be pressed in lightly with a special roller or sponge board.

**Fully vitrified floor tiles**

Mosa floor tiles can be placed with any conventional tiling method, using any mortars, adhesives and grouts suitable for fully vitrified tiles. Please consult the adhesive manufacturer's instructions .

The modular sizes indicated include 3 mm joint.

Tiles of 60 x 60 cm fixed in a fresh cement bed require a contact layer.

The subfloor must be sufficiently flat, -stable, pressure proof, permanently dry and free of dirt, residues and cracks.

When fixing, the adhesive must cover at least 90% of the tile's underside.

Fixing 60 x 60 cm tiles: use a half-mooned adhesive spreader of 15 mm, or 10 mm in combination with buttering floating method. Recommended adhesives: Eurocol 705 special, Omnicol Stabicol PL85 Project, Schönnox TT-Midiflex Grey, Laticrete 317 with additive 333, Laticrete Platinum Multipurpose.

Finishing pieces: cut tiles with tile-cutter with Widia-blade or water-cooled diamond saw. Dilatations should be made in accordance with instructions of builder and/or specifications.

Finish with a suitable grout in accordance with manufacturer's specifications.

Recommended grout with joint of ± 2 mm: Eurocol 698, Omnicol Temo , Schönnox SU, Laticrete 1600-series.

The cement residue on the tile floor must be thoroughly removed with a firm, clean sponge and sufficient amounts of clean water. This means that the water must be frequently changed . If after drying of the grout (after at least 24 hours) there is still any cement residue remaining on the tile, then this must be removed with a cement residue remover/ water solution in the right proportion.

For more detailed recommendations on cleaning and maintenance, see [www.mosa.nl](http://www.mosa.nl) or the Mosa documentation.

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**Grouting and cleaning recommendations for relief strips**

- following the instructions of the grout manufacturer
- when the grout has sufficiently hardened, wash down the entire tile work down with a damp sponge, and leave for 1 minute
- then sponge off with a clean, firm sponge and abundant clean water (refresh water regularly)

If any cement still remains after drying and hardening of the joint (at least 24 hours), Mosa recommends:

- removing any remaining cement residue film with a cement residue remover/water solution in the correct strength
- then rinsing with abundant clean water (refresh water regularly).

Recommended cleaning products for removal of cement residue film:

- HMK Möller Chemie	HMK R59 HMK R63 (for stubborn cement residue)	<a href="http://www.moellerstonecare.com">www.moellerstonecare.com</a>
- Lithofin	KF Cement residue remover	<a href="http://www.lithofin.com">www.lithofin.com</a>

**Combination chart****Suggestions for combining wall and floor tiles, strips and mosaic**

Floor		203V 60 x 60 black	210V 60 x 60 white	216V 60 x 60 anthrac.	223V 60 x 60 moss grey dark	223RG strips moss grey dark	228V 60 x 60 warm grey lt	236V 60 x 60 mid warm grey
Wall	Wall decor.							
48010 white gl.		•	•	•	•	•	•	•
48020 white matte		•	•	•	•	•	•	•
48014 strips		•	•	•	•	•	•	•
48010 white gl.	48014 strips	•	•	•	•	•	•	•
48010 white gl.	223RG strips				•	•		
48020 white matte	223RG strips				•	•		
48020 white matte	48030 white flower	•	•	•			•	
48020 white matte	48040 zwart flower	•	•	•				
48010 white gl.	501 MZ white mosaic	•	•		•		•	
48020 white matte	509 MZ black mosaic	•		•				

**Laying patterns****Suggestions for laying patterns with strips made from glazed wall tiles or relief strips**

For more information about laying patterns with More than white strips please check the brochure More than white, the Mosa documentation or [www.mosa.nl](http://www.mosa.nl).

**Order quantities for strips**

To be able to consistently create your selected pattern Mosa recommends ordering extra boxes to ensure that all sizes of strips are in sufficient supply. See below.

**Item no. 48014..2360 white uni - wall application:**

calculate square metres + order percentage extra in order to have sufficient strips in all sizes to create the pattern and to be able to start with whole tiles from the bottom. This extra amount does not include cutting loss.

Pattern	MW-1	MW-2	MW-3
up to h = 2m30	m <sup>2</sup> + 8%	m <sup>2</sup>	m <sup>2</sup>
up to h = 2m60	m <sup>2</sup>	m <sup>2</sup> + 13%	m <sup>2</sup> + 7%

**Item no. 223..RG dark moss grey - wall application:**

The standard proportion for ordering of RG strips is as follows (for height of 2.30 m):

Pattern	MW-1, MW-2, MW-3
223..RG1060	26%
223..RG1560	39%
223..RG2060	35%

For a height of 2.60 m:

Pattern up to = 2m60	MW-1	MW-2	MW-3
223..RG1060	25%	23%	29%
223..RG1560	40%	46%	35%
223..RG2060	35%	31%	36%

<b>Price groups</b>	Wall tiles	Uni	48010, 48020	U 426
		Floral	48030, 48040	U 517
	Strips	Uni	48014	U 842
	Mosaic		501MZ, 509MZ	U 970
	Floor tiles		203V, 204V, 216V, 223V, 228V, 236V	U 804
			210V	U 840
	Strips		223RG1060	U 859
			223RG1560	U 851
			223RG2060	U 845

**Shades** Tiles are a natural product. Minor colour differences may occur. Mosa sorts products by shade; which is always indicated on the box. The glazed strips of set 48014 are supplied as a set to prevent shade differences.

**Related Technical Product sheets** Glazed wall tiles  
Ultragres Fully Vitriified Unglazed  
Ultragres Terra Maestricht

**Maintenance** See Mosa documentation or [www.mosa.nl](http://www.mosa.nl).

**Samples** [showroomservice@mosa.nl](mailto:showroomservice@mosa.nl); Tel: +31 (0)43 368 93 23

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The text for this Technical product sheet replaces all preceding versions and has been composed with the utmost care and in cooperation with the leading mortar and adhesive producers. All recommendations are based on current state-of-the-art knowledge. This Technical product sheet contains information about Mosa products, properties and applications, and therefore may not to be used as a guarantee for the stated recommendations. Mosa will not be held responsible should this information be used as a guarantee. For warranties and liability we refer to our General Terms and Conditions of Sale. No rights can be derived from the contents of this Technical product sheet. Errors and price alterations excepted. For the most actual version see [www.mosa.nl](http://www.mosa.nl).



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