

Marakkesh and Subway

Small Wonders



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Marakkesh Subway



Wall: Marakkesh Dark Pink 7,5x30 cm, Marakkesh Brown 7,5x30 cm



Wall: Subway All Colour 7,5x15 cm



Wall: Subway Nero 15x15 cm (Matt), Subway Ivory 10x40 cm (Matt)



Wall: Subway Graphite Grey 7.5x15 cm (Matt)



Wall: Marakkesh Ash 6.5x26 cm, Marakkesh Dark Grey 6.5x26 cm

Small Wonders

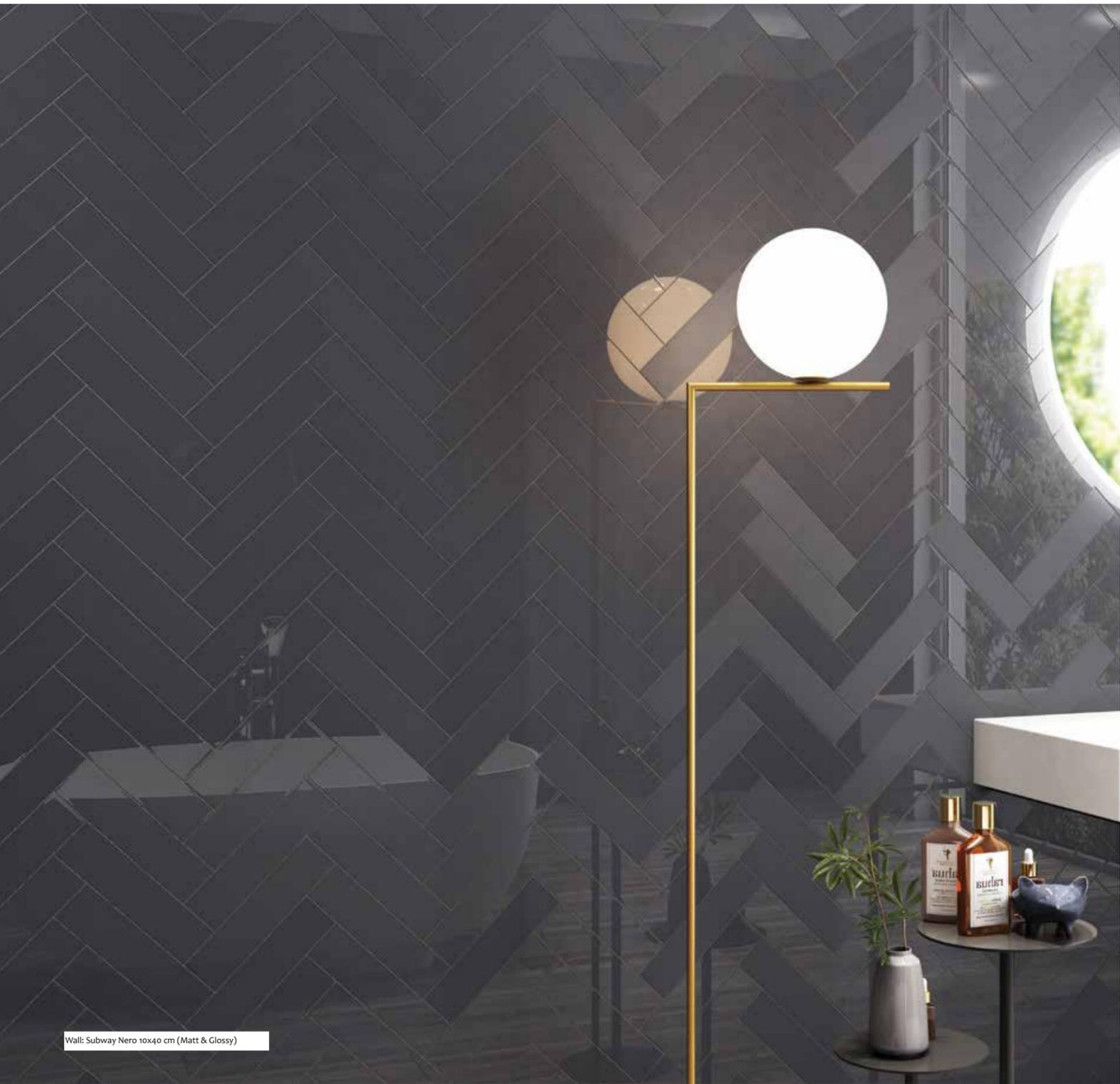


Wall: Subway Graphite Grey Bevel Decor 10x30 cm,
Subway White Bevel Decor 10x30 cm

Small Wonders



Wall: Marakkesh Dark Grey 6,5x26 cm, Marakkesh Pink 6,5x26 cm, Marakkesh Grey 6,5x26 cm



Wall: Subway Nero 10x40 cm (Matt & Glossy)



Wall: Subway White 10x30 cm (Glossy)

Small Wonders



Wall: Subway Nero Bevel Decor 7,5x15 cm

Marakkesh



marakkesh ash



marakkesh green



marakkesh brown



marakkesh grey



marakkesh dark blue



marakkesh dark pink



marakkesh dark grey



marakkesh light blue



marakkesh pink



marakkesh greige



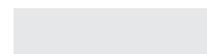
marakkesh white



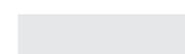
marakkesh ivory

Sizes

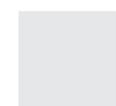
7.5x30
2.95"x11.81"



6.5x26
2.55"x10.23"



15x15
5.90"x5.90"



Wall: Marakkesh Dark Blue 7,5x30 cm, Marakkesh Light Blue 7,5x30 cm

Name	Code	Size(CM)	Name	Code	Size(CM)	Name	Code	Size(CM)
marakkesh ash	A05WMRKS-ASH.G6X0U	7,5x30	marakkesh green	A05WMRKS-GRE.G6X0U	7,5x30	marakkesh brown	A05WMRKS-BRN.G6X0U	7,5x30
marakkesh grey	A05WMRKS-GRY.G6X0U	7,5x30	marakkesh dark blue	A05WMRKS-DAB.G6X0U	7,5x30	marakkesh dark pink	A05WMRKS-DEP.G6X0U	7,5x30
marakkesh dark grey	A05WMRKS-DKG.G6X0U	7,5x30	marakkesh light blue	A05WMRKS-LIB.G6X0U	7,5x30	marakkesh pink	A05WMRKS-PIK.G6X0U	7,5x30
marakkesh greige	A05WMRKS-GRG.G6X0U	7,5x30	marakkesh white	A05WMRKS-WHE.G6X0U	7,5x30	marakkesh ivory	A05WMRKS-IVO.G6X0U	7,5x30
marakkesh ash	A42WMRKS-ASH.G6X0U	6,5x26	marakkesh green	A42WMRKS-GRE.G6X0U	6,5x26	marakkesh brown	A42WMRKS-BRN.G6X0U	6,5x26
marakkesh grey	A42WMRKS-GRY.G6X0U	6,5x26	marakkesh dark blue	A42WMRKS-DAB.G6X0U	6,5x26	marakkesh dark pink	A42WMRKS-DEP.G6X0U	6,5x26
marakkesh dark grey	A42WMRKS-DKG.G6X0U	6,5x26	marakkesh light blue	A42WMRKS-LIB.G6X0U	6,5x26	marakkesh pink	A42WMRKS-PIK.G6X0U	6,5x26
marakkesh greige	A42WMRKS-GRG.G6X0U	6,5x26	marakkesh white	A42WMRKS-WHE.G6X0U	6,5x26	marakkesh ivory	A42WMRKS-IVO.G6X0U	6,5x26
marakkesh ash	A15SMRKS-ASH.G6X0U	15x15	marakkesh green	A15SMRKS-GRE.G6X0U	15x15	marakkesh brown	A15SMRKS-BRN.G6X0U	15x15
marakkesh grey	A15SMRKS-GRY.G6X0U	15x15	marakkesh dark blue	A15SMRKS-DAB.G6X0U	15x15	marakkesh dark pink	A15SMRKS-DEP.G6X0U	15x15
marakkesh dark grey	A15SMRKS-DKG.G6X0U	15x15	marakkesh light blue	A15SMRKS-LIB.G6X0U	15x15	marakkesh pink	A15SMRKS-PIK.G6X0U	15x15
marakkesh greige	A15SMRKS-GRG.G6X0U	15x15	marakkesh white	A15SMRKS-WHE.G6X0U	15x15	marakkesh ivory	A15SMRKS-IVO.G6X0U	15x15

Subway



subway white
S



subway nero
S



subway light grey bevel decor
S



subway dark grey
S



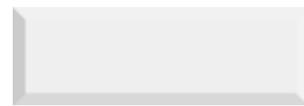
subway graphite grey
S



subway ivory
S



subway light beige
S



subway white bevel decor
10x30 cm
HS



subway nero bevel decor
10x30 cm
HS



subway light grey bevel decor
10x30 cm
HS



subway dark grey bevel decor
10x30 cm
HS



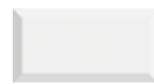
subway graphite grey bevel decor
10x30 cm
HS



subway ivory bevel decor
10x30 cm
HS



subway light beige bevel decor
10x30 cm
HS



subway white bevel decor
7.5x15 cm
HS



subway dark grey bevel decor
7.5x15 cm
HS



subway nero bevel decor
7.5x15 cm
HS

Sizes



Name	Code	Size(CM)	Code	Size(CM)	Code	Size(CM)	Code	Size(CM)
subway white	A42WSUBY-WHE.GoXoU	6.5x26	A42WSUBY-WHE.MoXoU	6.5x26	A15SSUBY-WHE.GoXoU	15x15	A15SSUBY-WHE.MoXoU	15x15
subway nero	A42WSUBY-NEO.GoXoU	6.5x26	A42WSUBY-NEO.MoXoU	6.5x26	A15SSUBY-NEO.GoXoU	15x15	A15SSUBY-NEO.MoXoU	15x15
subway graphite grey	A42WSUBY-GPG.GoXoU	6.5x26	A42WSUBY-GPG.MoXoU	6.5x26	A15SSUBY-GPG.GoXoU	15x15	A15SSUBY-GPG.MoXoU	15x15
subway grey	A42WSUBY-GRY.GoXoU	6.5x26	A42WSUBY-GRY.MoXoU	6.5x26	A15SSUBY-GRY.GoXoU	15x15	A15SSUBY-GRY.MoXoU	15x15
subway dark grey	A42WSUBY-DKG.GoXoU	6.5x26	A42WSUBY-DKG.MoXoU	6.5x26	A15SSUBY-DKG.GoXoU	15x15	A15SSUBY-DKG.MoXoU	15x15
subway ivory	A42WSUBY-IVO.GoXoU	6.5x26	A42WSUBY-IVO.MoXoU	6.5x26	A15SSUBY-IVO.GoXoU	15x15	A15SSUBY-IVO.MoXoU	15x15
subway light beige	A42WSUBY-LBE.GoXoU	6.5x26	A42WSUBY-LBE.MoXoU	6.5x26	A15SSUBY-LBE.GoXoU	15x15	A15SSUBY-LBE.MoXoU	15x15

subway white	A17SSUBY-WHE.GoXoU	7.5x15	A17SSUBY-WHE.MoXoU	7.5x15	A41WSUBY-WHE.GoXoU	10x40	A41WSUBY-WHE.MoXoU	10x40
subway nero	A17SSUBY-NEO.GoXoU	7.5x15	A17SSUBY-NEO.MoXoU	7.5x15	A41WSUBY-NEO.GoXoU	10x40	A41WSUBY-NEO.MoXoU	10x40
subway graphite grey	A17SSUBY-GPG.GoXoU	7.5x15	A17SSUBY-GPG.MoXoU	7.5x15	A41WSUBY-GPG.GoXoU	10x40	A41WSUBY-GPG.MoXoU	10x40
subway grey	A17SSUBY-GRY.GoXoU	7.5x15	A17SSUBY-GRY.MoXoU	7.5x15	A41WSUBY-GRY.GoXoU	10x40	A41WSUBY-GRY.MoXoU	10x40
subway dark grey	A17SSUBY-DKG.GoXoU	7.5x15	A17SSUBY-DKG.MoXoU	7.5x15	A41WSUBY-DKG.GoXoU	10x40	A41WSUBY-DKG.MoXoU	10x40
subway ivory	A17SSUBY-IVO.GoXoU	7.5x15	A17SSUBY-IVO.MoXoU	7.5x15	A41WSUBY-IVO.GoXoU	10x40	A41WSUBY-IVO.MoXoU	10x40
subway light beige	A17SSUBY-LBE.GoXoU	7.5x15	A17SSUBY-LBE.MoXoU	7.5x15	A41WSUBY-LBE.GoXoU	10x40	A41WSUBY-LBE.MoXoU	10x40

subway white bevel decor	A17SSUBY-WHE.GBX4U	7.5x15						
subway nero bevel decor	A17SSUBY-NEO.GBX4U	7.5x15						
subway dark grey bevel decor	A17SSUBY-DKG.GBX4U	7.5x15						

Name	Code	Size(CM)	Code	Size(CM)	Name	Code	Size(CM)
subway white	A13WSUBY-WHE.GoXoU	10x30	A13WSUBY-WHE.MoXoU	10x30	subway white bevel decor	A13WSUBY-WHE.GBX4U	10x30
subway nero	A13WSUBY-NEO.GoXoU	10x30	A13WSUBY-NEO.MoXoU	10x30	subway nero bevel decor	A13WSUBY-NEO.GBX4U	10x30
subway graphite grey	A13WSUBY-GPG.GoXoU	10x30	A13WSUBY-GPG.MoXoU	10x30	subway graphite grey bevel decor	A13WSUBY-GPG.GBX4U	10x30
subway grey	A13WSUBY-GRY.GoXoU	10x30	A13WSUBY-GRY.MoXoU	10x30	subway grey bevel decor	A13WSUBY-GRY.GBX4U	10x30
subway dark grey	A13WSUBY-DKG.GoXoU	10x30	A13WSUBY-DKG.MoXoU	10x30	subway dark grey bevel decor	A13WSUBY-DKG.GBX4U	10x30
subway ivory	A13WSUBY-IVO.GoXoU	10x30	A13WSUBY-IVO.MoXoU	10x30	subway ivory bevel decor	A13WSUBY-IVO.GBX4U	10x30
subway light beige	A13WSUBY-LBE.GoXoU	10x30	A13WSUBY-LBE.MoXoU	10x30	subway light beige bevel decor	A13WSUBY-LBE.GBX4U	10x30

TECHNICAL FEATURES

WHITE BODY CERAMIC TILES (BIII):

White body Ceramic tiles are made with finest quality clays and with chamotte (a ceramic raw material with high percentage of silica). These raw materials are submitted to dry grinding and suitably mixed and wet and then pressed with hydraulic presses. Quick-cycle support firing is obtained via roller kilns reaching temperatures of approximately 1100 °C. After biscuit glazing, the vitrified product is sintered in a single-layer roller kiln at approximately 1030 °C. The resulting wall tiles have an average bending strength that is higher than 15/ mrr in accordance with the UNI EN ISO10545-4 standard and a water absorption level that is higher than 10 %; they belong to the BIII (GL) group according to the UNI EN 14411 standard. This class of products shows virtually no shrinkage during firing; therefore such dimensional consistency results in extremely easy laying.

ADVICE ON LAYING

White body tiles can be laid using either tile adhesives or cement mortar. Under no circumstances should the tiles be wet before laying when using acrylic or vinyl resin based adhesives or two- component organic solvent based adhesives. When laying large sized tiles it is best to adopt the two layer spreading method and, when the laying surface is very large, to provide for suitable expansion joints which must not be spaced more than 4-5 linear meters apart from one another.

IMPORTANT POINTS TO REMEMBER WHILE LAYING THESE TILES

When laying on wet concrete or plaster, leave to dry for at least one week for each centimetre of thickness.

When laying on brick, never lay on tile adhesive measuring more than 4-5 mm in thickness. For laying on flexible supports (for example plasterboard panels, polymer panels, etc.) which may result in movement of the tiles, we advise laying on tile adhesive measuring no more than 2-3 mm in thickness and to use class C2 or D1 glues.

For laying on waterproof brick, which prevents the release of damp, we advise laying on tile adhesive measuring no more than 3 mm in thickness and to use class C2 or D1 glues.

Avoid laying without expansion joints or joints where stress due to expansion is released directly onto the tile.

TECHNICAL CHARACTERISTICS - WHITE BODY CERAMIC TILES (BIII)

	Test Description	Standard Test Method	International Standard ISO 13006	RAK Ceramics Specifications
	Length & Width	BS EN ISO 10545-2	+/- 0.5%	+/- 0.3%
	Thickness	BS EN ISO 10545-2	+/-10%	+/- 5.0%
	Rectangle Squareness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.4%
	Straightness of sides	BS EN ISO 10545-2	+/- 0.3%	+/- 0.3%
	Surface Flatness	BS EN ISO 10545-2	+0.5% / -0.3%	+/- 0.3%
	Water Absorption	BS EN ISO 10545-3	10% < E <= 20%	10% < E <= 18%
	Modulus of Rupture	BS EN ISO 10545-4		
	Thickness > = 7,5mm		>=12 N/mm2	>=16 N/mm2
	Thickness < = 7,5mm		>=15 N/mm2	>=16 N/mm2
	Breaking Strength	BS EN ISO 10545-4		
	Thickness > = 7,5mm		>=600N	>=650N
	Thickness < = 7,5mm		>=200N	>=400N
	Resistance to surface abrasion	BS EN ISO 10545-7	Manufacturer to state Abrasion Class	Class 2 - 4
	Resistance to Thermal Shock	BS EN ISO 10545-9	No visible defect	No visible defect
	Crazing Resistance	BS EN ISO 10545-11	No crazing	No crazing
	Resistance to chemicals	BS EN ISO 10545-13	No visible effect	No visible effect
	Resistance to stains	BS EN ISO 10545-14	Manufacturer to state class	Stain removed Min. class 4
	Scratch Hardness : (Moh's)	EN 101	-	4 - 6

Note: Shade variation across the batches is inherent to the manufacturing process and the pre-laying colour comparison is recommended

TECHNICAL FEATURES

GRES WHITE BODY TILES (BIIA) :

Gres white body tiles are created by mixing raw materials including high quality white or red clays, quartz and feldspar in wet grinding ball mills. After grinding, a clay-based suspension of these materials called a slip is fed out of the mill then spray-dried to remove excess moisture. Following the spray drying process, the free flowing powder is pressed using advanced hydraulic presses with a specific pressing power exceeding 300 kg/cm² in order to obtain a compact gres body. Once dried, the tiles are coated and decorated with glazes to make them aesthetically pleasing and meet our customers design requirements.

The glazed tile body is then fired in roller kilns where temperatures of approximately 1200 °C are reached. The resulting product is normally a medium-to-low porosity (3% to 6%) tile, in compliance with the UNI EN 14411 standard and rated as belonging to the BIla GL group with notable technological specifications such as the product flexural strength (average value: 30N/mm² according to UNI EN ISO 10545-4).

As for wear resistance, this will depend on the type and colour of glazing and may change according to different products or collections. As a general rule, bright finishes are not recommended for heavy traffic floors or rooms opening onto outdoor areas, where sand or other abrasive materials are more likely to be brought in.

ADVICE ON LAYING

Our gres white body tiles can be laid using either traditional cement mortar or modern tile adhesives. When laying large size tiles, it is best to adopt the two-layer spreading system to ensure the adhesive is spread over 90 % of the tile surface.

Quickly dipping each tile in water before installation will remove any dust on the back of the tile for perfect adhesion, however, do not wet the tiles if you are using vinyl, acrylic resin adhesives or two-component organic-solvent based adhesive.

It is advisable to always incorporate suitable shrinkage-flexion joints (movement/expansion joints) which must not be spaced more than 4-5 metres apart from one another. These joints must be inserted not only between the tiles, but also reach the levelling compound below, consisting of either cement mortar or dry compound, depending on whether the tiles are set in the traditional manner or using a modern adhesive. The movement joints must be sealed with appropriate materials such as silicone or polyurethane-based sealants, depending on the anticipated traffic of the application area.

Appropriate tile bedding layers should be used such as underlay, damp course, vapour barrier or any other layer necessary to prevent the tiles from detaching themselves or cracking due to water penetration.

TECHNICAL CHARACTERISTICS - GRES WHITE BODY TILES (BIIA)

	Test Description	Standard Test Method	International Standard ISO 13006	RAK Ceramics Specifications
	Length & Width	BS EN ISO 10545-2	+/- 0.6%	+/- 0.3%
	Thickness	BS EN ISO 10545-2	+/-5.0%	+/- 5.0%
	Rectangle Squareness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.4%
	Straightness of sides	BS EN ISO 10545-2	+/- 0.5%	+/- 0.3%
	Surface Flatness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.3%
	Water Absorption	BS EN ISO 10545-3	3% < E <= 6%	3% <E <= 6%
	Modulus of Rupture	BS EN ISO 10545-4	>=22 N/mm ²	>=30 N/mm ²
	Breaking Strength	BS EN ISO 10545-4		
	Thickness > = 7.5mm		>=1000N	>=1000N
	Thickness < = 7.5mm		>=600N	>=700N
	Resistance to surface abrasion	BS EN ISO 10545-7	Manufacturer to state Abrasion Class	Class 2 - 4
	Resistance to Thermal Shock	BS EN ISO 10545-9	No visible defect	No visible defect
	Crazing Resistance	BS EN ISO 10545-11	No crazing	No crazing
	Resistance to chemicals	BS EN ISO 10545-13	No visible effect	No visible effect
	Resistance to stains	BS EN ISO 10545-14	Manufacturer to state class	Stain removed Min. class 4
	Scratch Hardness : (Moh's)	EN 101	-	4 - 6

Note: Shade variation across the batches is inherent to the manufacturing process and the pre-laying colour comparison is recommended

MAINTENANCE AND CLEANING OF TILES

Maintenance of ceramic and porcelain tiles on dry surfaces is relatively easy. RAK Ceramics tiles are highly scratch and stain resistant.

- By regularly sweeping the floor, you can help avoid scratches that small pebbles or sand can create.
- Make it a habit to always wipe the soles of your shoes on a mat before entering the house. Thoroughly wipe up any spills using plain warm water.
- While they are not likely to stain your ceramic tiles, spills may stain the grout between the tiles and if they are left to sit for too long, may also stain the actual tiles.
- Plain water is the ideal cleaner because it leaves no residue if you dry the surface of the tiles thoroughly after cleaning.
- If tiles are left wet after cleaning, there may be some unsightly mineral residue after the water dries, but this can easily be removed by spot cleaning.
- If stains resist cleaning with water alone, you can use a mild acidic solution, such as white vinegar. Use it highly diluted and rinse with plain water then dry.
- As food stains are acidic in nature, try using a mild alkaline solution.
- Use common detergents sparingly, rinse with plain water and dry thoroughly.

RAK CERAMICS CARE EXCLUSIVE POST INSTALLATION CLEANING SERVICE

We have collaborated with Fila, a leading company in cleaning, protection and maintenance of ceramic surfaces to offer an exclusive cleaning service to address our customers post installation concerns.

Cleaning after laying is of vital importance as a lot of unseen debris and reactive chemicals can affect the visual appearance of the ceramic material. With this new service, our customers can take advantage of Fila's professional on-site consultation. For more info please visit www.rakceramics.com



TILE-LAYING RECOMMENDATIONS

All RAK Ceramics products are subject to size and shade variations. Please check the size, batch number, caliber, tone, choice, color, quality of the pieces before the installation, as no claims will be accepted once the tiles are installed.

Place some tiles on the floor - 2 or 3 sqm - and check the overall technical and aesthetic characteristics with care and check if there is enough product to finish the work.

Manufacturer's responsibility is only limited to replacement of defective material if any, prior to fixing of tiles and we will not entertain claim of any nature after the tiles are installed.

Therefore, if any issue is found on the delivered product, the contractor for installation or the client should not install the tiles. The issue should be communicated to RAK Ceramics for investigation and further action for resolution as required.

The substrate must be a compact cement bed. Levelling system ensures flatness between tiles avoiding movements during the mortar setting. This reduces the time for the ceramic laying obtaining a perfect lippage-free finish. Avoid movements between the tiles due to the mortar setting.

The width of grout joints must be established by the installation supervisor, unless grout widths are regulated by national laying standards. The grout colour should be selected according to the colour of the tile. We recommend to select a matching colour. Before using fine-grain coloured grout on lapped, polished or brushed products, always test it. If the pigment is very adhesive, it may be very difficult to remove.

We recommend to lay the tiles by using suitable adhesives for each kind of product and surface. As general rule, tiles must be installed in the same position. The minimum joint is 2 mm for rectified tiles, although we suggest a higher joint for big size products. After grouting, remove any excess product as quickly as possible by repeatedly washing the area with a sponge and water.

Steps to follow 1. First, set the tool to the scale according to the ceramic thickness. 2. Introduce the crossheads and continue laying the adjacent tiles. 3. Put the wedges in the crosshead manually. 4. Tighten the wedges with the pliers to level the pieces. 5. Allow for setting for the time recommended by the manufacturer of the adhesive cement. 6. Remove the crossheads. Hit the crosshead with a rubber mallet or with your foot in the direction of the joint. Do not hit the wedges.

The company will not accept any claim if this is due to the problems caused by not following these suggestions and instructions.



LATICRETE IS A RECOMMENDED PARTNER OF RAK CERAMICS

Product Guide

ICONS

TPOLOGY



WHITE BODY CERAMIC TILES



GRES WHITE BODY TILES

EDGE



STRAIGHT

FINISH



NATURAL

Pressed tiles without further work after firing.

SURFACE STRUCTURE



SMOOTH

Tiles with an even and regular surface, free from perceptible projections, lumps, or indentations.



LIGHT STRUCTURE

Tiles with an uneven, irregular surface, with a structure perceptible to the eye and touch.



HEAVY STRUCTURE

Tiles with a highly irregular surface.

SURFACE LOOK



MATT

Natural looking surface.



GLOSSY

The resulting surface has a medium degree of reflection.

INDICATIONS FOR USE



WALL TILES

PACKAGING

Sizes (cm)	Thickness (mm)	Pieces / Box	Meter Sq. / Box	Kg / Box	Box / Square Pallet	Meter Sq. / Square Pallet	kg / Square Pallet	Box / Euro Pallet	Meter Sq. / Euro Pallet	kg / Euro Pallet
15x15	6.5	48	1.08	16.50	108	116.64	1790.00	85	91.80	1425.00
6.5x26	8.5	41	0.70	11.50	120	84.00	1390.00	90	63.00	1055.00
10x30	8.5	27	0.81	13.00	104	84.24	1365.00	88	71.28	1165.00
7.5x30	8.5	36	0.81	13.00	90	72.90	1185.00	80	64.80	1060.00
7.5x15	7.5	88	1.00	17.50	108	108	1900.00	85	85.00	1510.00
7.5x15 (Bevel decor)	10	68	0.77	16.00	108	83.16	1740.00	85	65.45	1380.00
10x40	9	20	0.80	13.50	108	86.40	1470.00	96	76.80	1315.00
10x30 (Bevel decor)	10	24	0.72	12.50	104	74.88	1315.00	96	69.12	1220.00

In printing, colour of the products may differ slightly from actual, pictures are only for reference.

Contact

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