

30x90

Ceramic Tiles



RAK
CERAMICS

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RAK
CERAMICS



30x90

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PREMIJA



7001 lbr



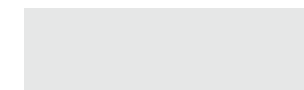
7001 hl br



7001 dbr

Sizes

30x90
11.81"x35.4331"



30x90

PREMIJA



7002 lwd



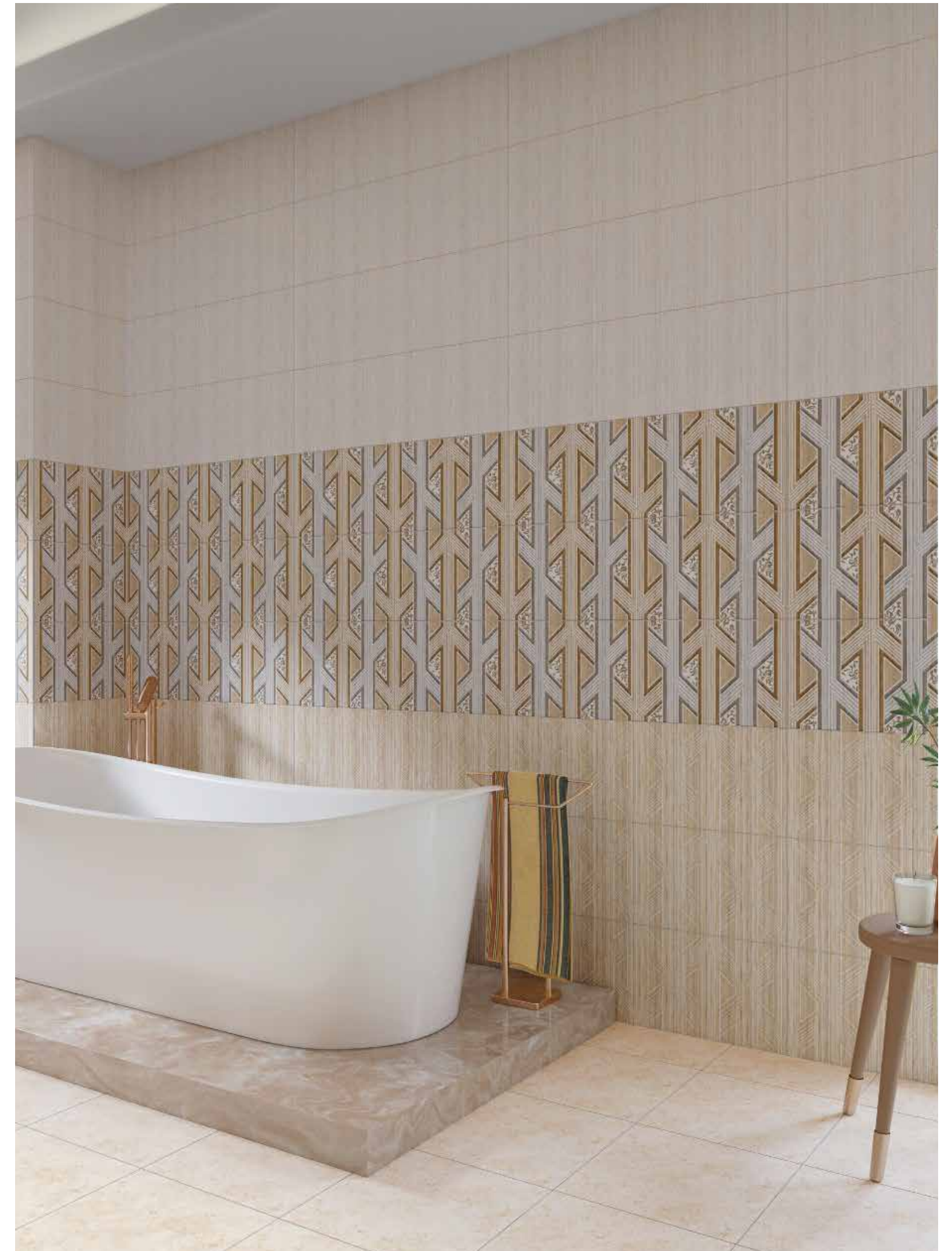
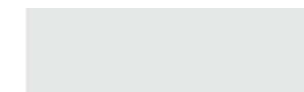
7002 hl wd



7002 dwd

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7003 lshell



7003 dshell

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7004 lbe



7004 lhl



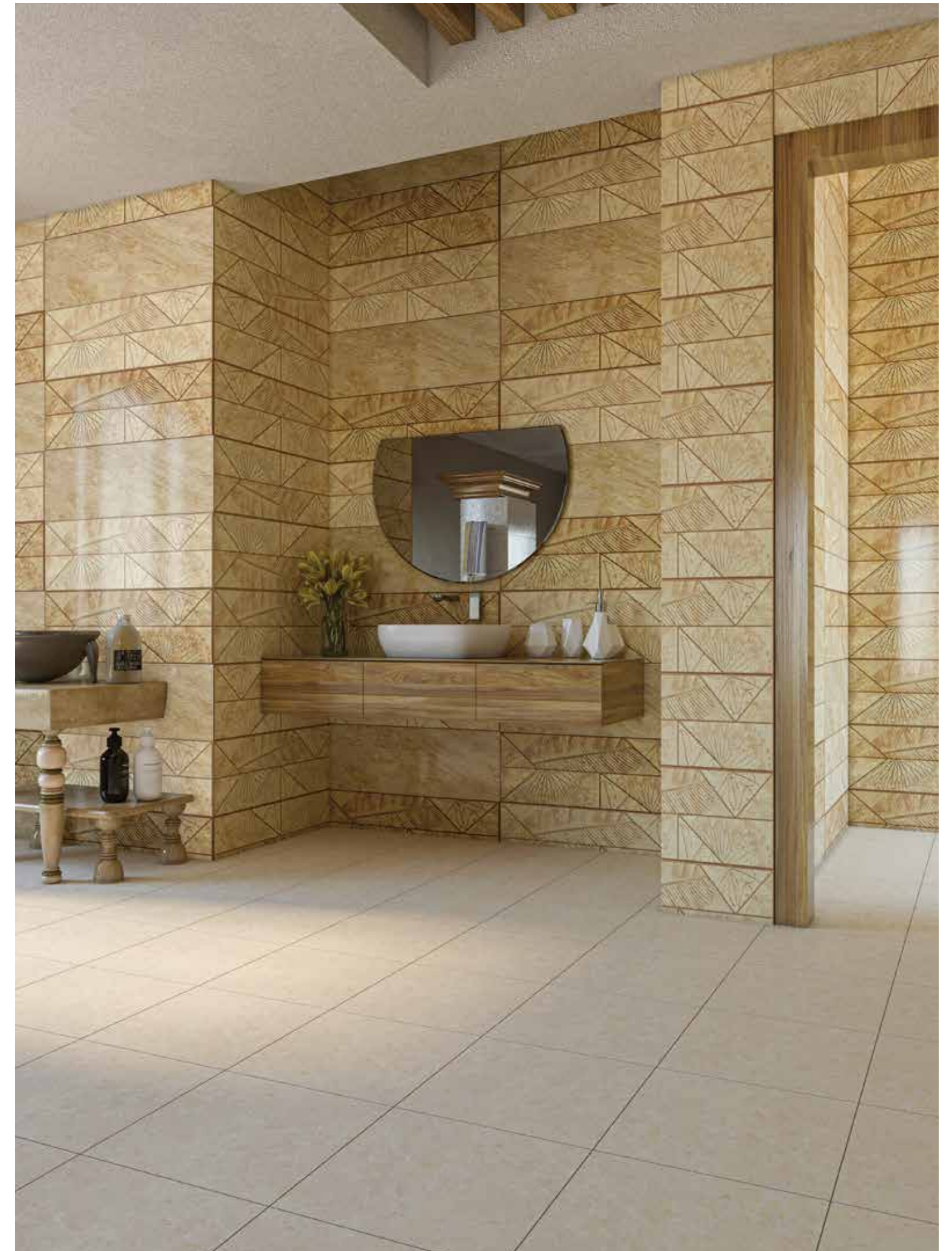
7004 dhl



7004 dba

Sizes

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PREMIJA



7005 l umber



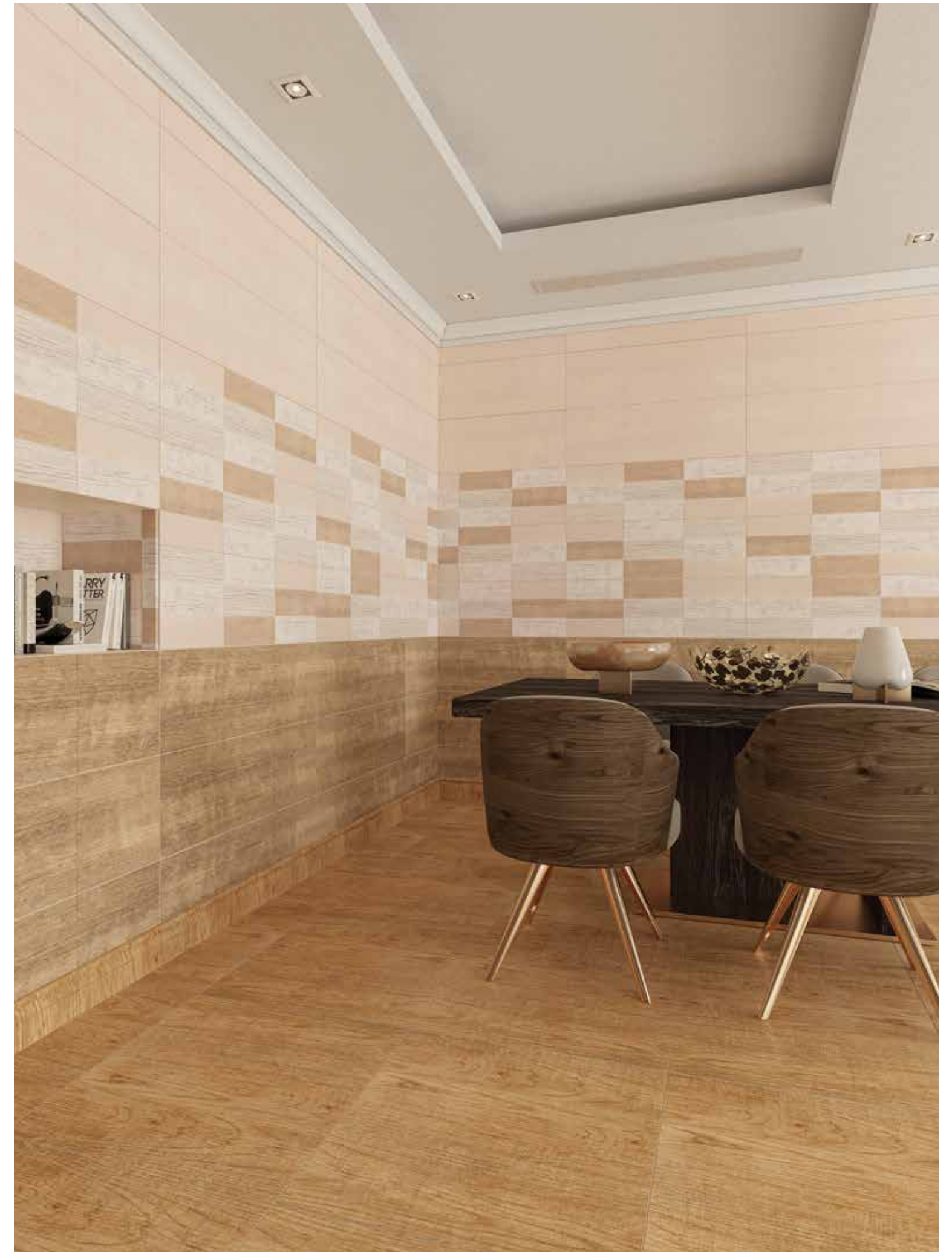
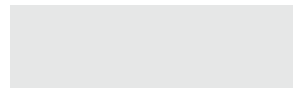
7005 hl umber



7005 d umber

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7006 LIV



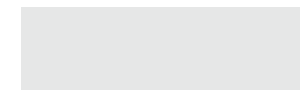
7006 HL IV



7006 DIV

Sizes

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PREMIJA



7007 sand lbr



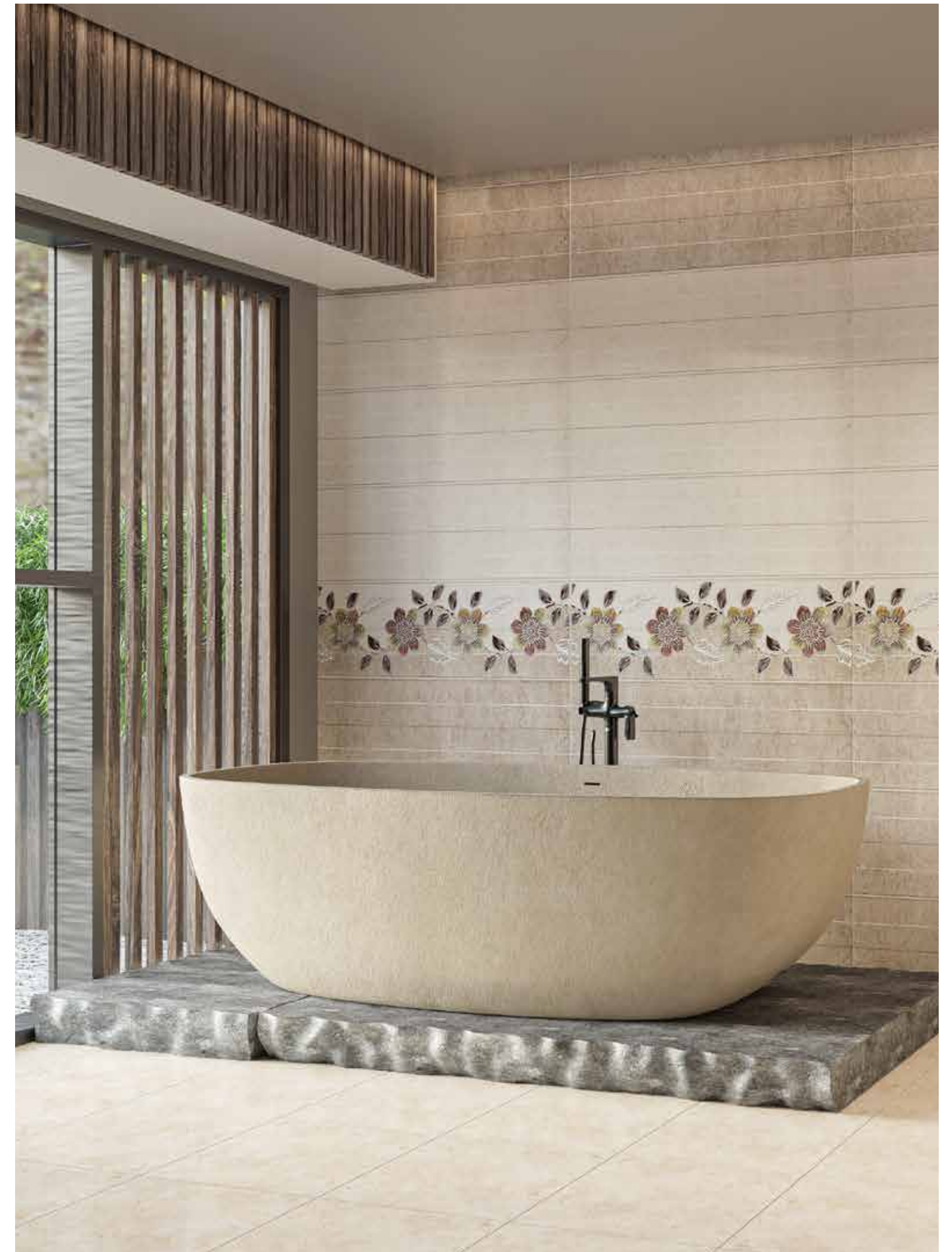
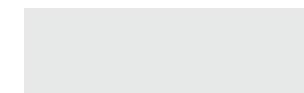
7007 sand hl



7007 sand dbr

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7008 liv



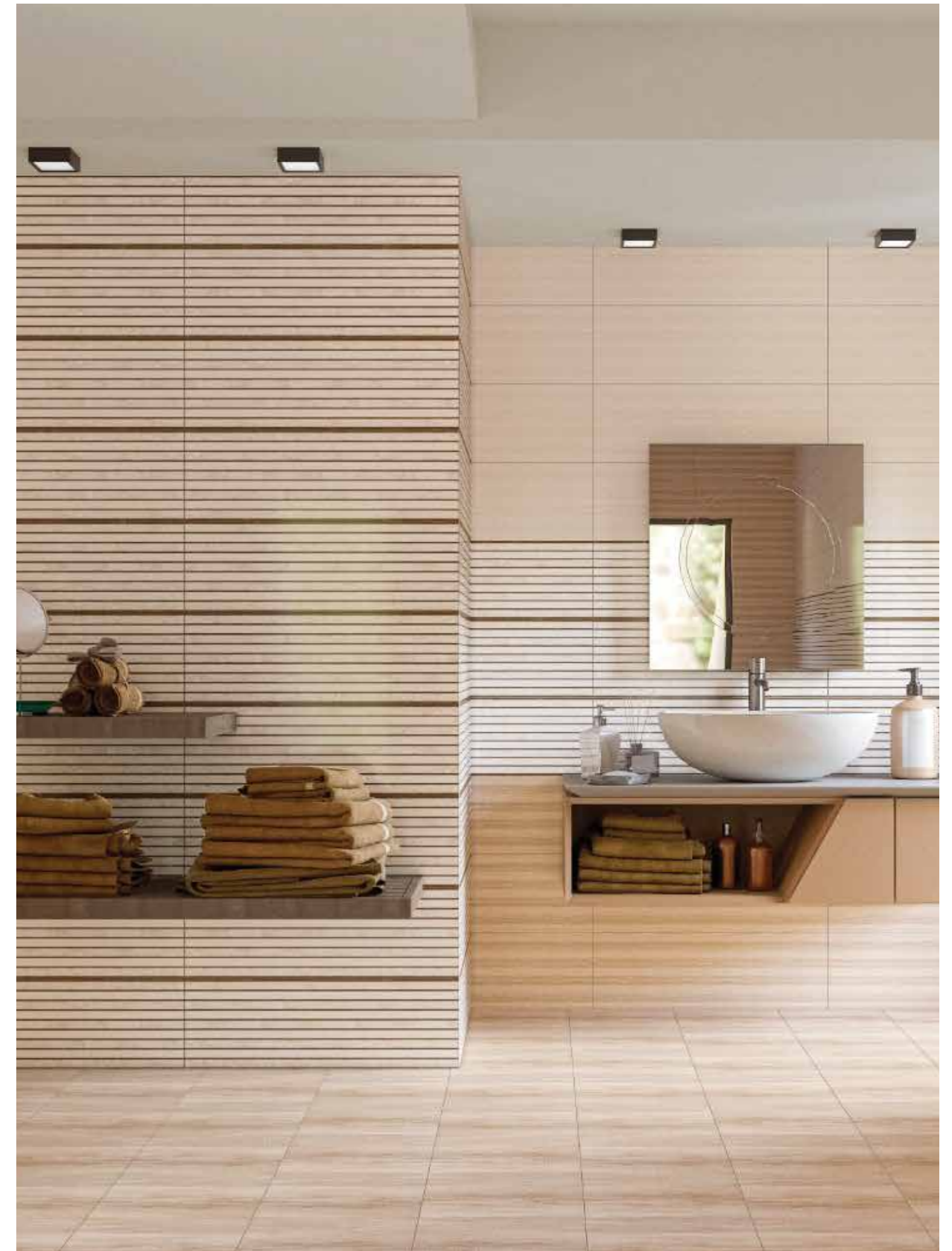
7008 hl iv



7008 div

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PREMIJA



7009 lbr



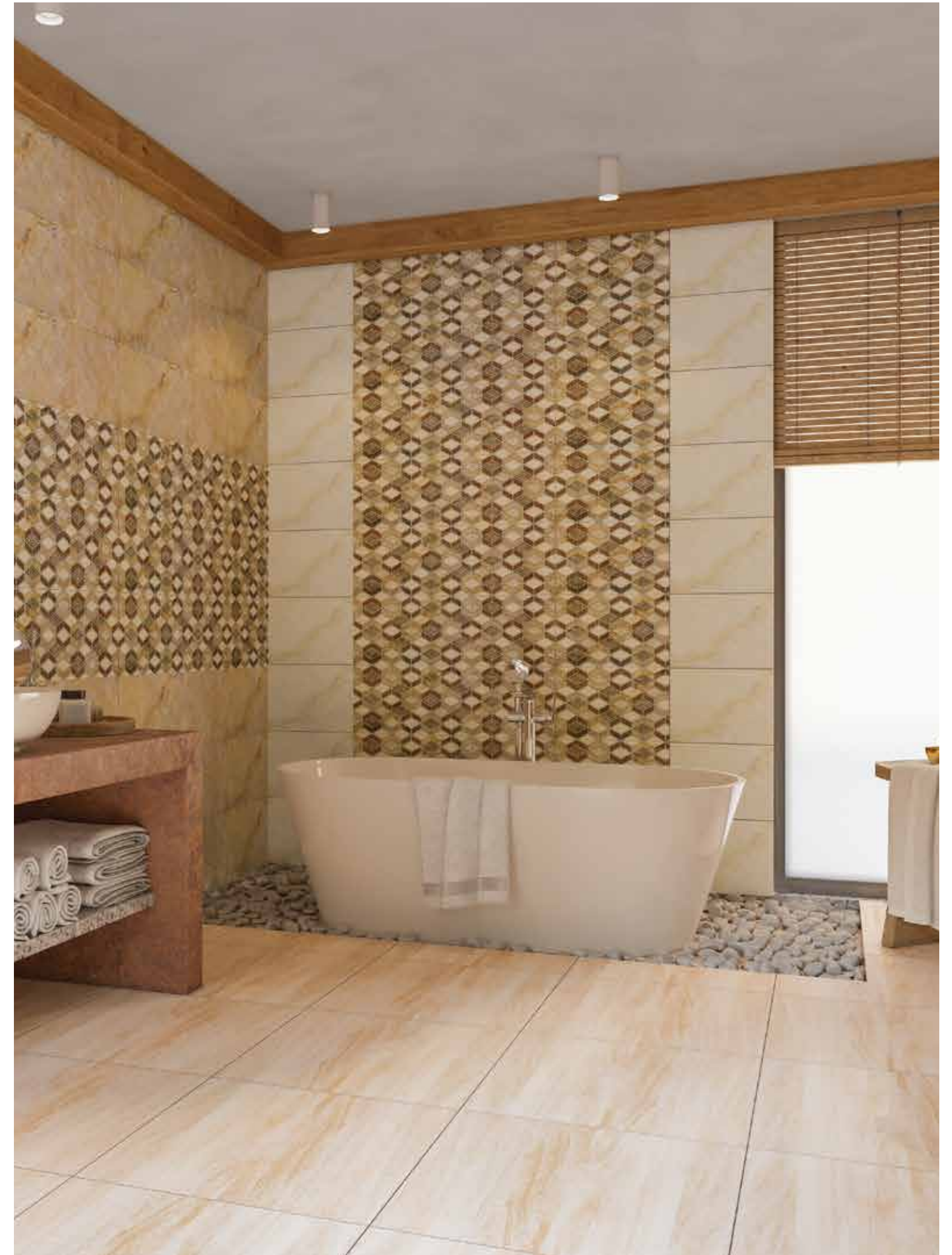
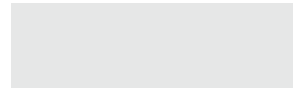
7009 hl br



7009 dbr

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7051 cemento lgrey



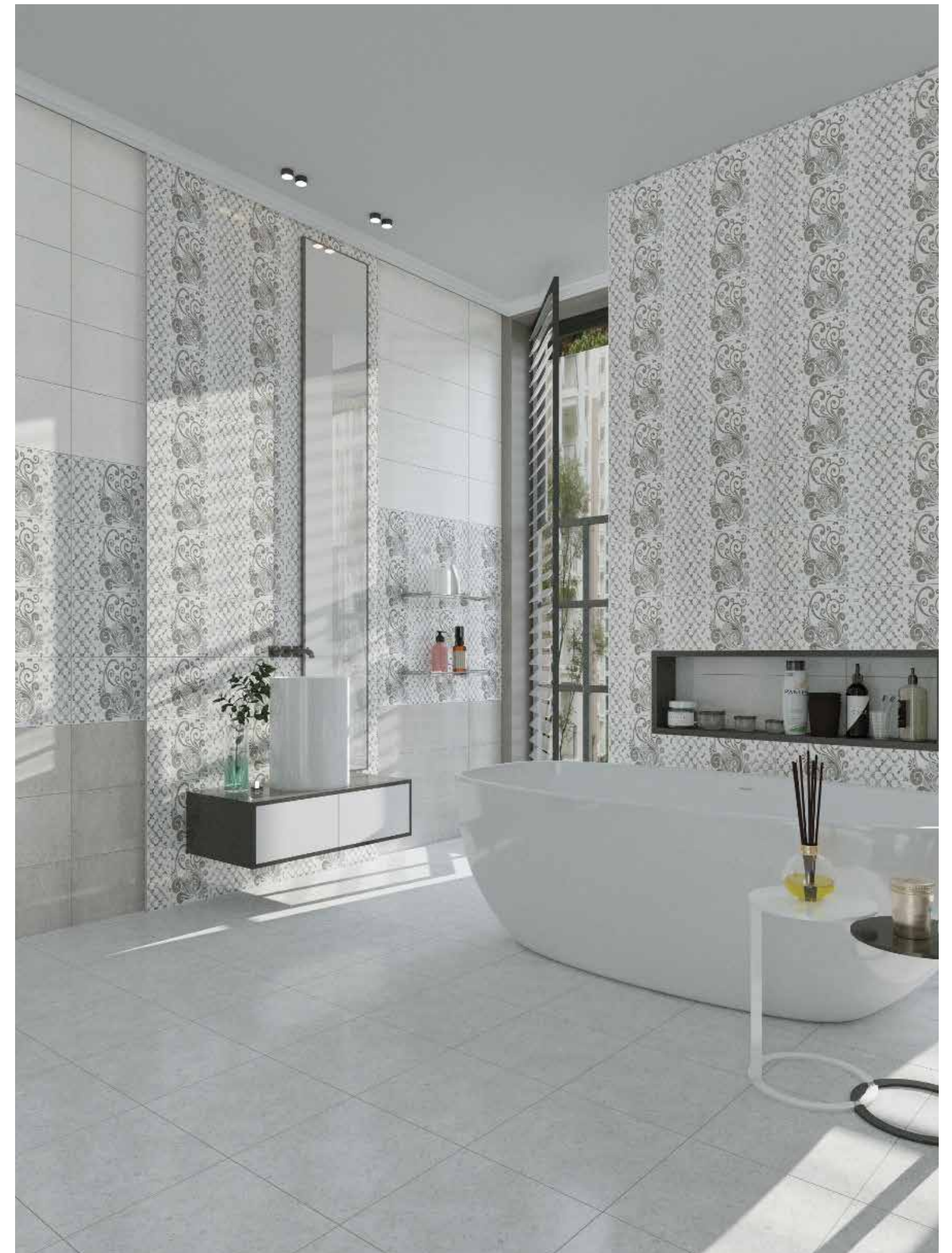
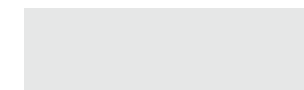
7051 cemento hl



7051 cemento dgrey

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7052 marble wh



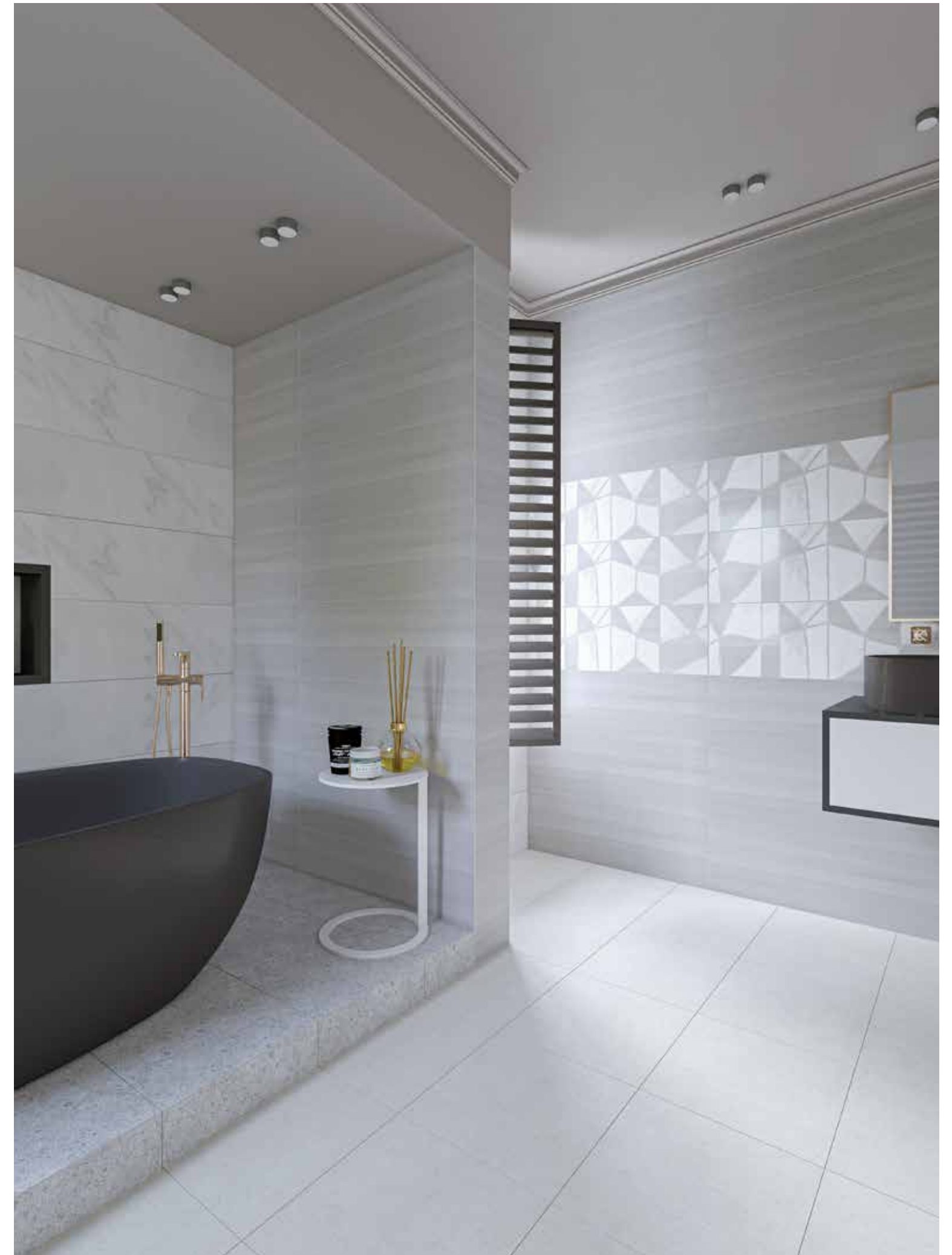
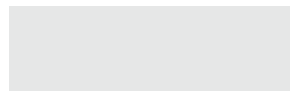
7052 marble hl



7052 marble grey

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7053 marble liv



7053 marble hl



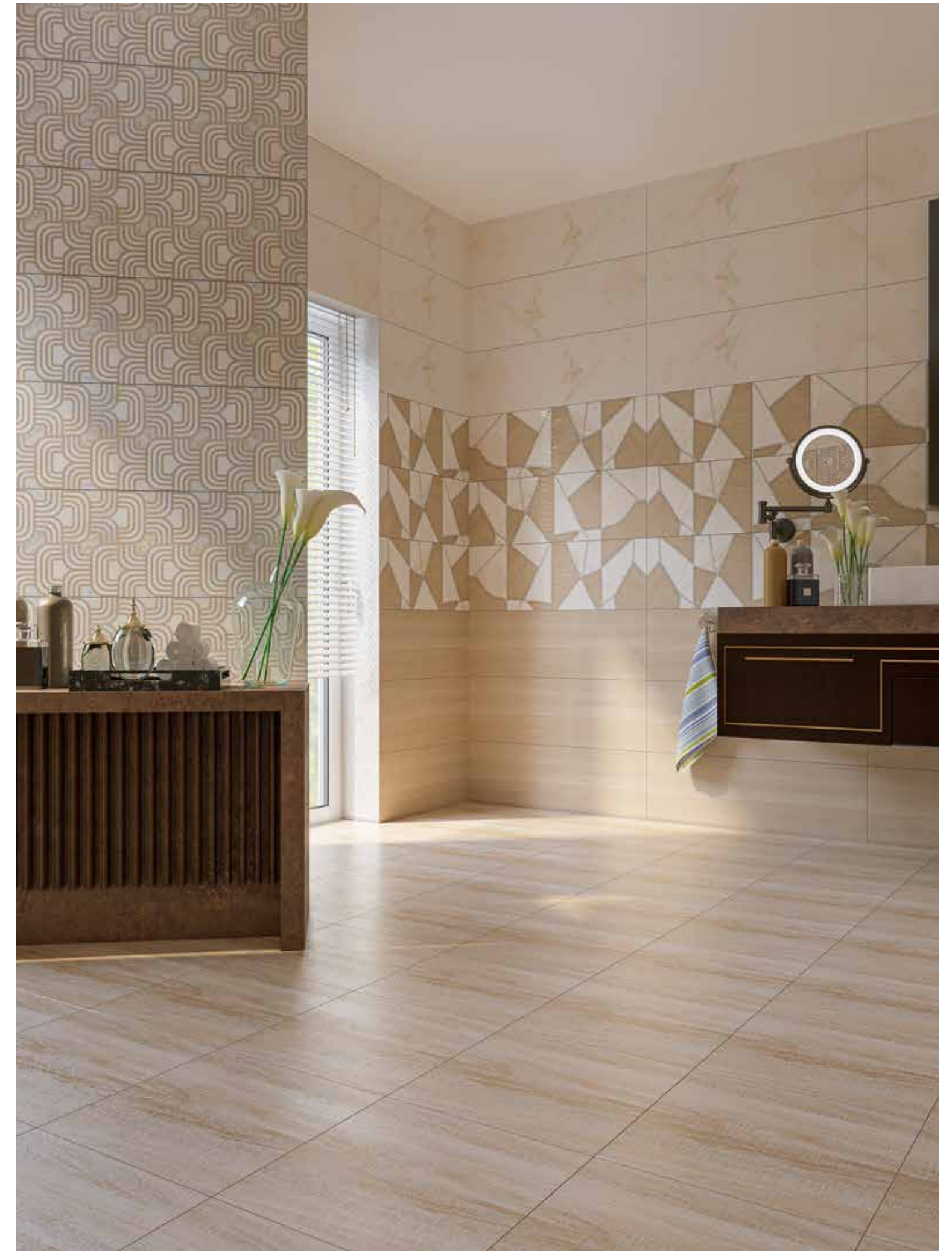
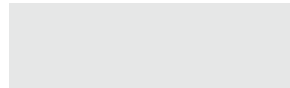
7053 marble wd hl



7053 marble div

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7054 matrix wd br



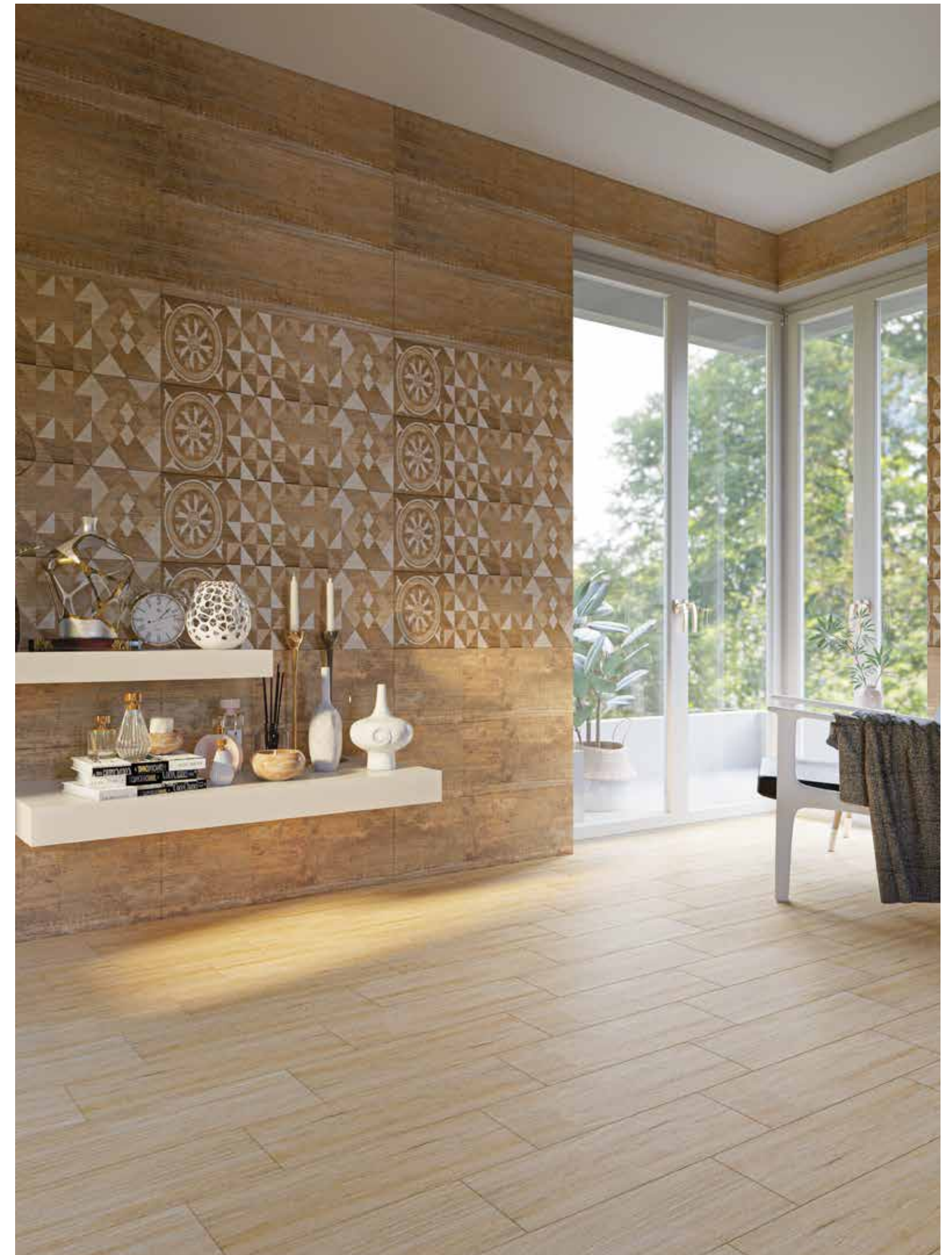
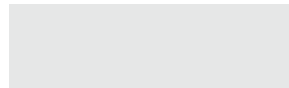
7054 matrix wd hl



7054 matrix wd dbr

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7055 liv



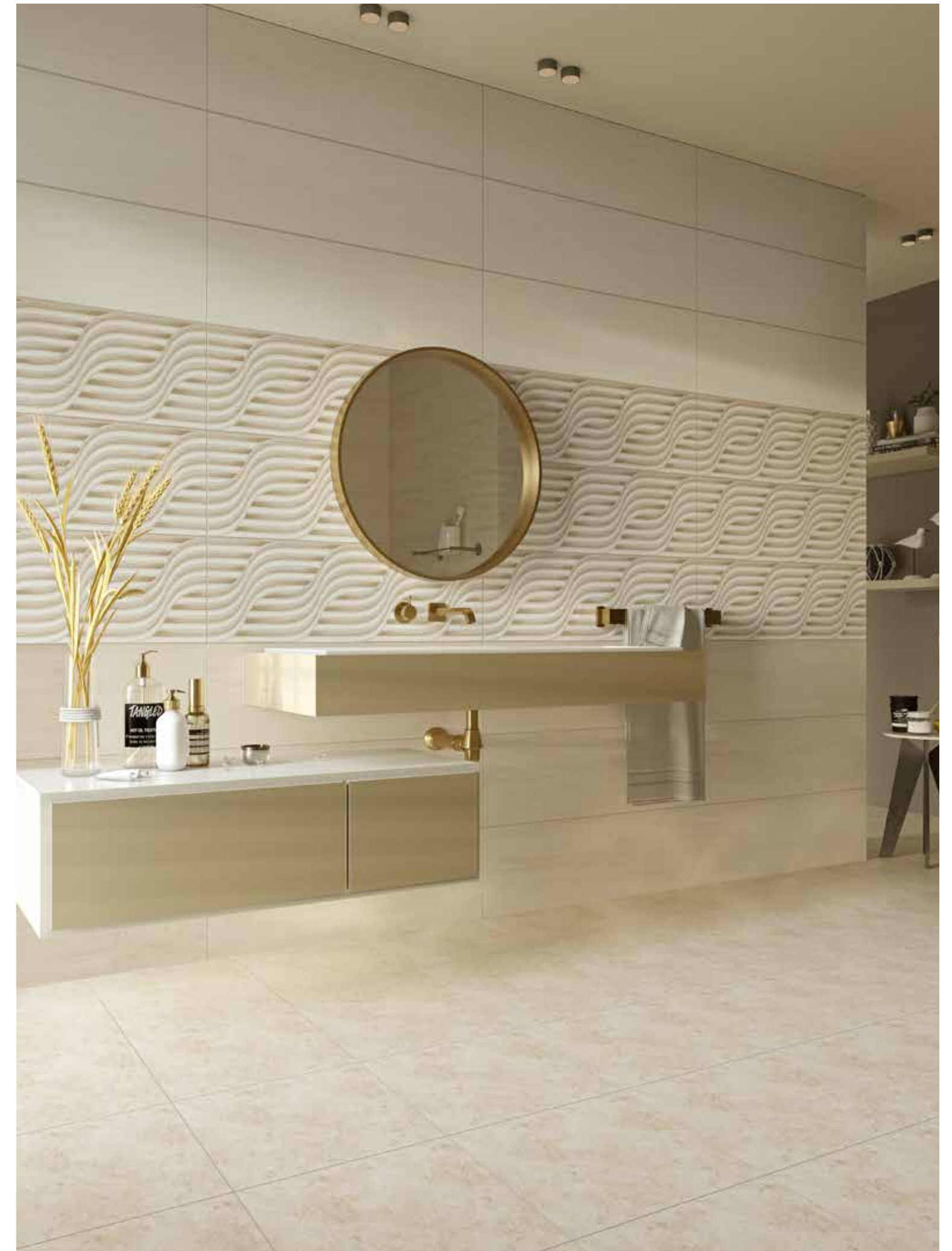
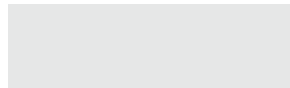
7055 hl iv



7055 div

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7056 lgrey



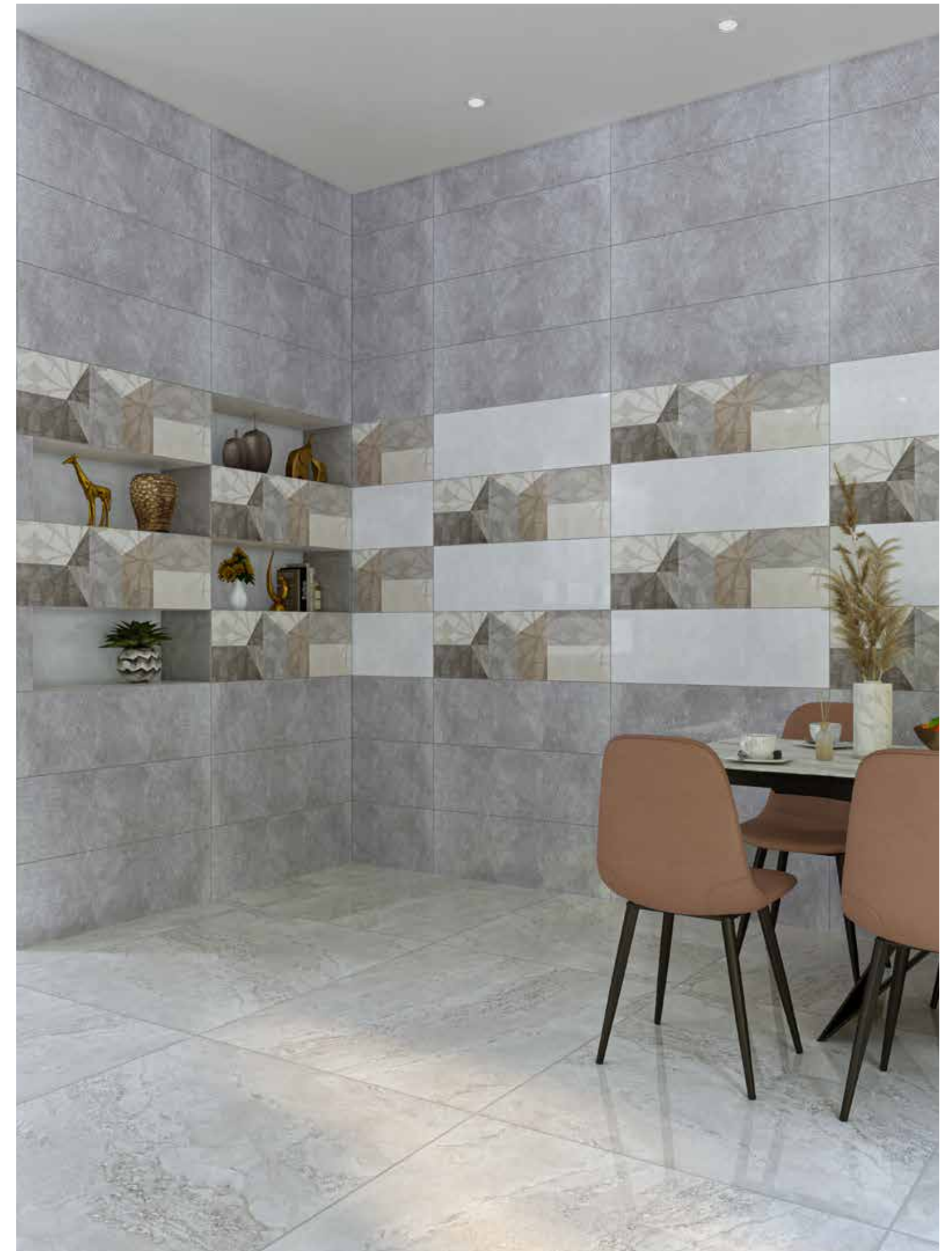
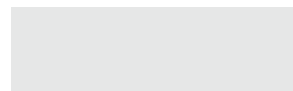
7056 hl grey



7056 dgrey

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7057 wood lbe



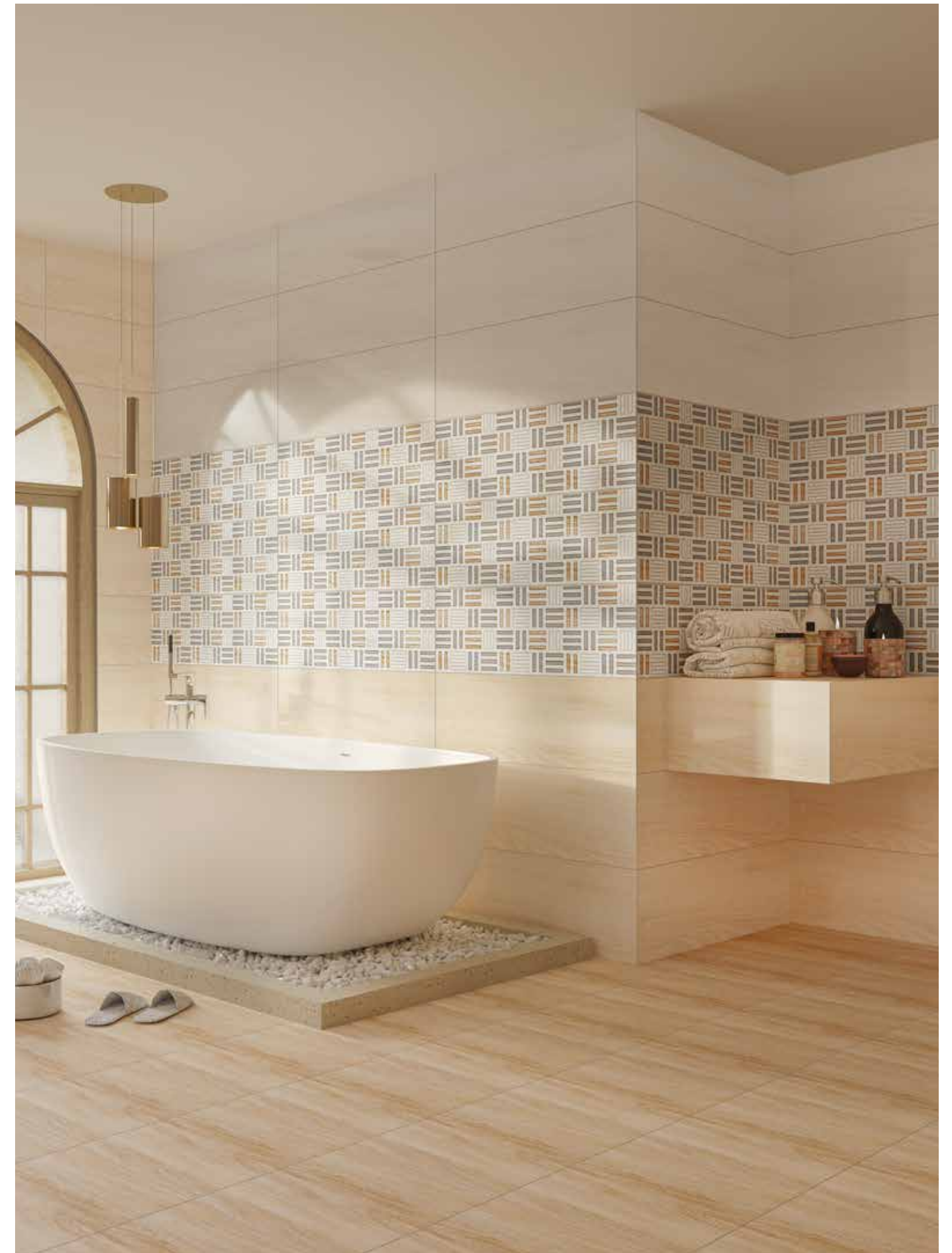
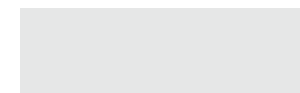
7057 wood hl



7057 wood dbe

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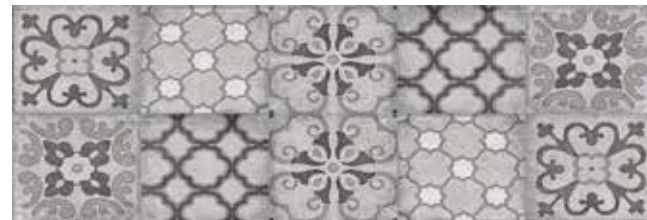


30x90

PREMIJA



7058 lg



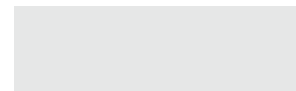
7058 hl grey



7058 dg

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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/ m² 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

Ceramic 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/mm ²	>=16 N/mm ²
	Thickness < = 7,5mm		>=15 N/mm ²	>=16 N/mm ²
	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

Product Guide

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.

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.

Product Guide

ICONS

TYOLOGY



EDGE



SURFACE STRUCTURE



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



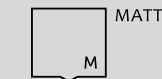
Tiles with an uneven, irregular surface, with a structure perceptible to the eye and touch.

FINISH



Pressed tiles without further work after firing.

SURFACE LOOK



Natural looking surface.

INDICATIONS FOR USE



SUGGESTED APPLICATIONS



Residential areas, hotel rooms, bathrooms

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

RAK

CERAMICS