Restile
every inch of imagination

IMPACTA COLLECTION
the industry choice

急行 難波
EXP NAMBA
8814

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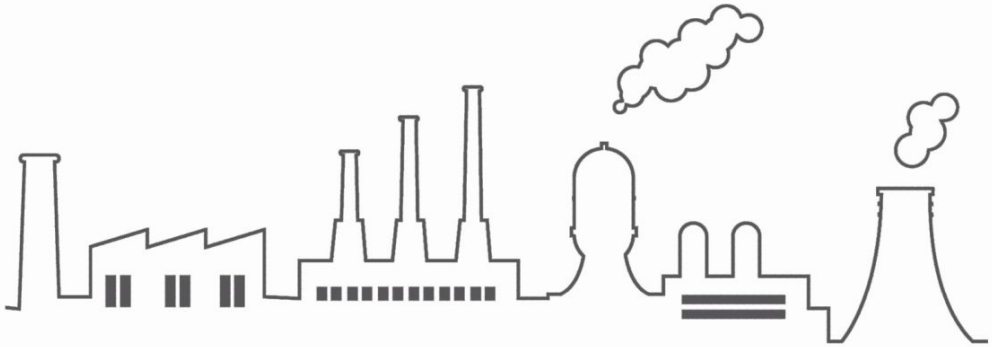
IMPACTA COLLECTION

The Original Favorite for Industrial flooring, now expanding its footprint into various segments where heavy-duty flooring is required. From kitchens, to station platforms to factories, Impacta Collection is the perfect choice to take the load you have to offer, plus added benefits of acid and alkali resistance.

FULL BODY COLOR	THRU BODY DESIGNS	NATURAL PRESS DESIGNS	UN-GLAZED SURFACE	ANTI-SLIP R>10

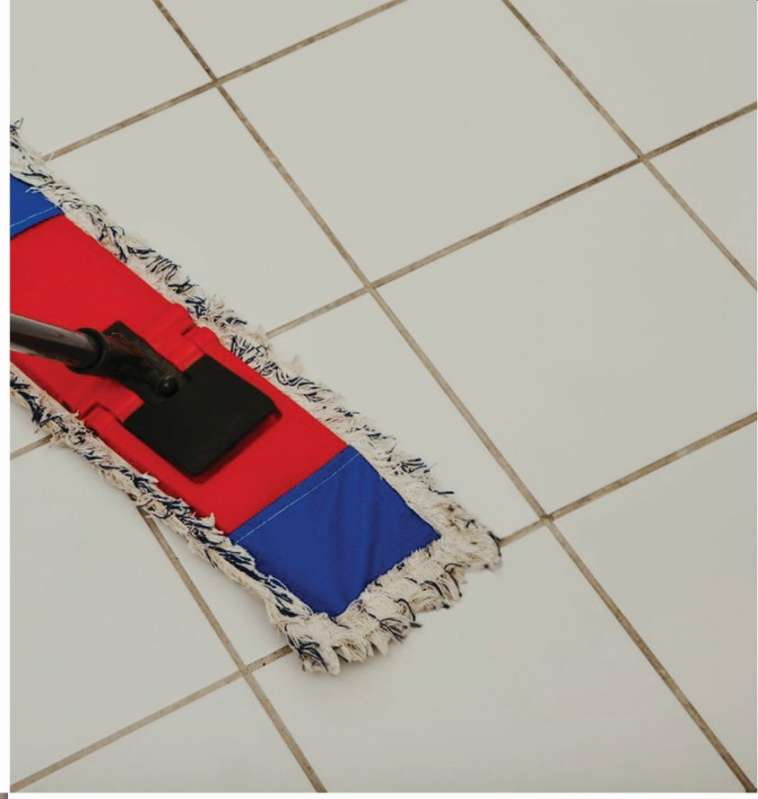
THICK-NESS	20MM	16MM	14MM	12MM



HEAVY-DUTY INDUSTRIAL TILING SOLUTIONS

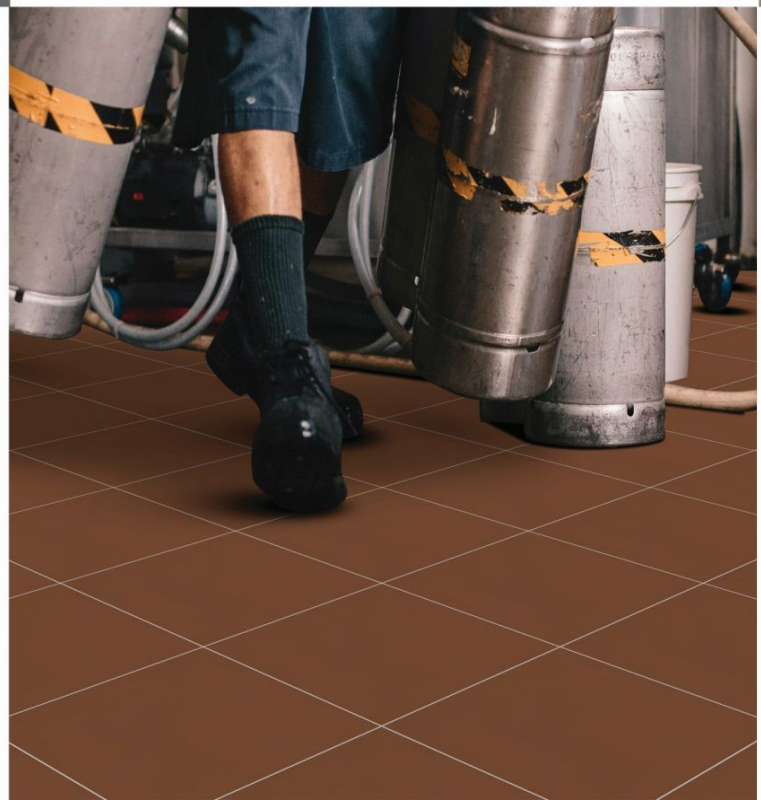
Unglazed - Safe even when Wet!

Restile Tiles in general have an inherit ANTI-SKID property. This is due to the unique unpolished surface finish. Being Unglazed - gives our tile the superior quality of Anti-Slip Resistant even in Wet Conditions, which is the biggest factory when it comes to food and beverages industries. Different Industries has its different requirement on sizes , but the requirement of Anti-Slip is universal.



Heavy Loads Demands Thick Tiles.

There are certain application areas, wherein the environment and usage requires a THICK STRONG TILE - to take the HEAVY LOAD. From Forklift movement to barrels storage, there is no risk of damage once you have Restile Impacta Tiles Installed. The product comes with a high compact strength, and breaking strength, giving you the best option for your heavy load flooring.



Easy Maintenance, Easy Cleaning.

Having the property of Full Body Homogeneous Vitrified Tiles, and with the Water Absorption < 0.06%, the surface is literally inpenetrable. The Tiles are also acid and alkali and chemical resistant, making it perfect for any food, pharma, auto industry. Impacta Tiles requires minimum but regular maintenance and cleaning - and the tiles will look like new always!

IMPACTA COLLECTION

application areas

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Application Areas of Impacta Tiles

Food Industry	Beverage Industry	Brewery Factory	Super Markets	Super Markets
Auto Industry	Textile Industry	Packing Industry	Parking Areas	Railway Stations

Advantages of Impacta Tiles

- Full Body Homogeneous
- Unglazed Surface Finish
- Water Absorption < 0.06%
- Resistant to abrasion
- Consitent Density top to bottom
- Chemical and Stain Resistant
- Highest Mechanical Load Possible
- High Temperature Resistant
- Ideal for Wet Areas
- Easy to maintain and clean
- Economical Solution for Industries
- One Time Solution - lasts for Decades!

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polo

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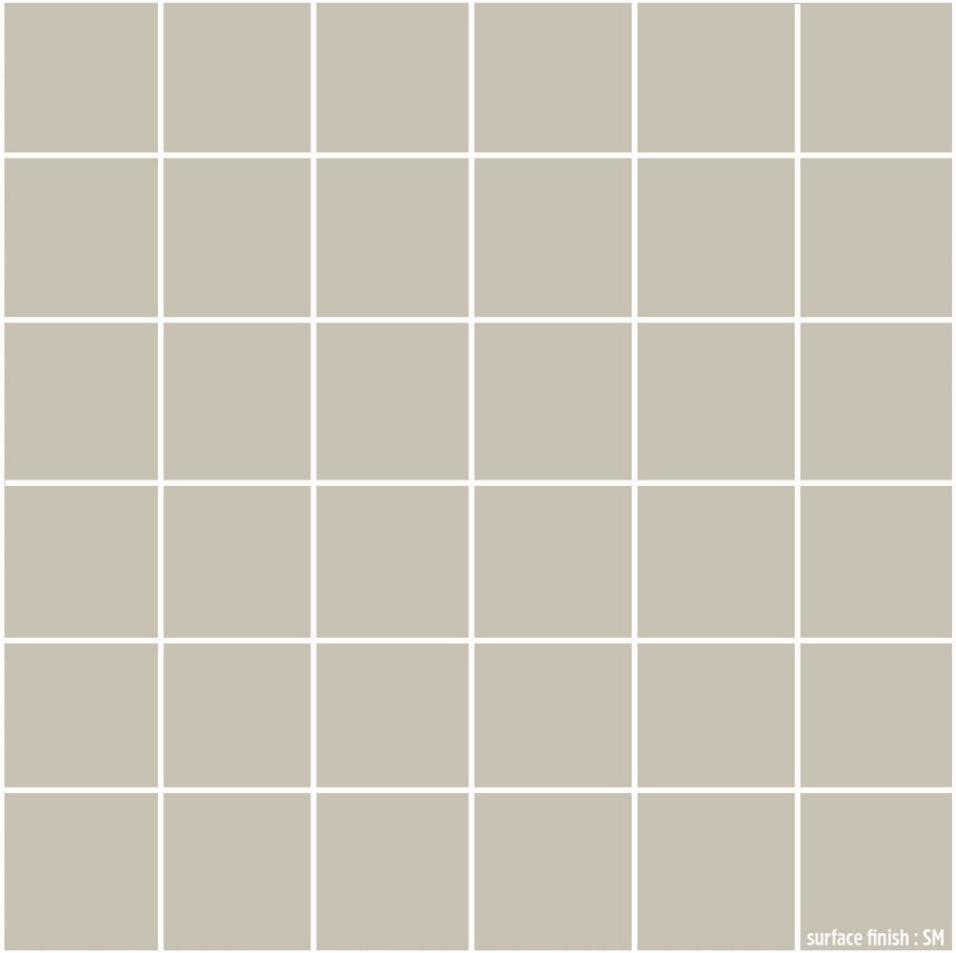

recommended spacer : 3mm

thickness: 20mm , 16mm, 14mm

Technical Porcelain Tiles

Homogeneous Full Body Tile

Absolute Through-Body Design

Full Body Color

0% Glaze Coating

0% Digital Printing

60x60cm | 60x30cm | 30x 30cm

any other thickness - under request and MOQ)

IMPACTA COLLECTION

steel grey

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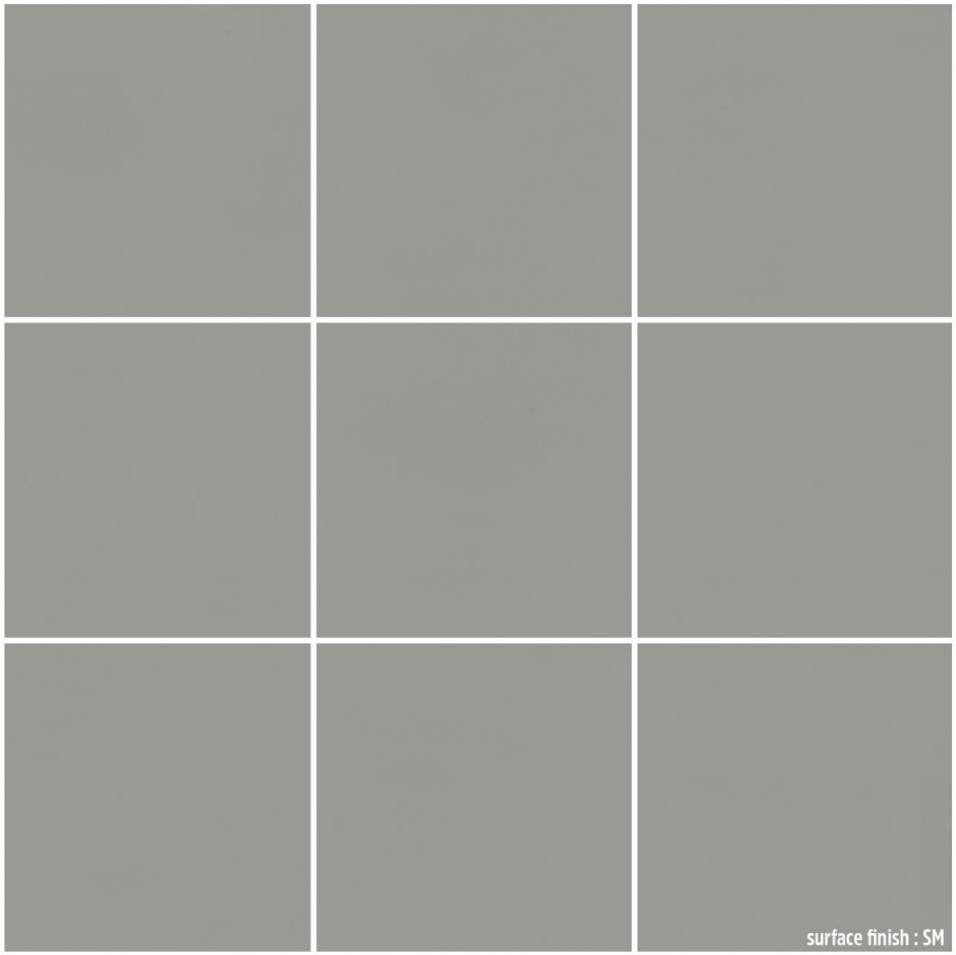

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thickness: 20mm , 16mm, 14mm

Technical Porcelain Tiles

Homogeneous Full Body Tile

Absolute Through-Body Design

Full Body Color

0% Glaze Coating

0% Digital Printing

60x60cm | 60x30cm | 30x 30cm

any other thickness - under request and MOQ)

IMPACTA COLLECTION

super polo

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recommended spacer : 3mm

thickness: 20mm , 16mm, 14mm

Technical Porcelain Tiles

Homogeneous Full Body Tile

Absolute Through-Body Design

Full Body Color

0% Glaze Coating

0% Digital Printing

60x60cm | 60x30cm | 30x 30cm

any other thickness - under request and MOQ)

IMPACTA COLLECTION

teracotta

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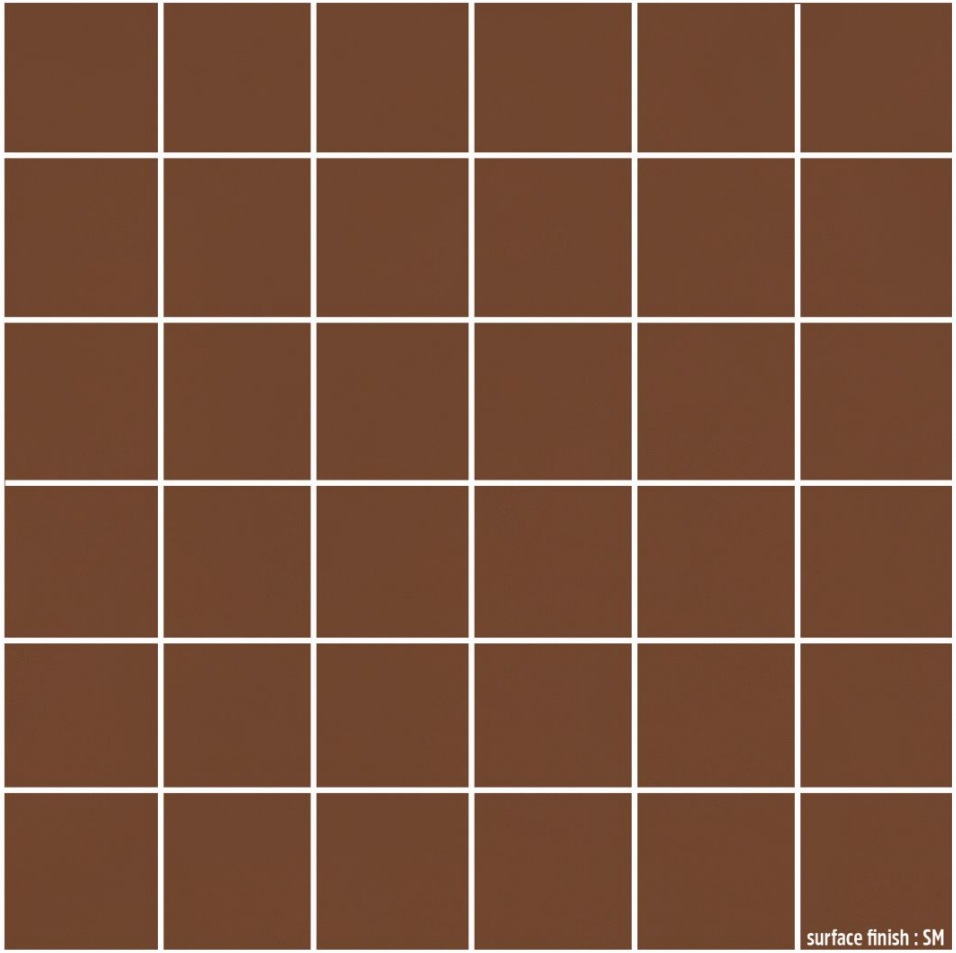

recommended spacer : 3mm

thickness: 20mm , 16mm, 14mm

Technical Porcelain Tiles

Homogeneous Full Body Tile

Absolute Through-Body Design

Full Body Color

0% Glaze Coating

0% Digital Printing

60x60cm | 60x30cm* | 30x 30cm*

any other thickness - under request and MOQ)

IMPACTA COLLECTION

kota green

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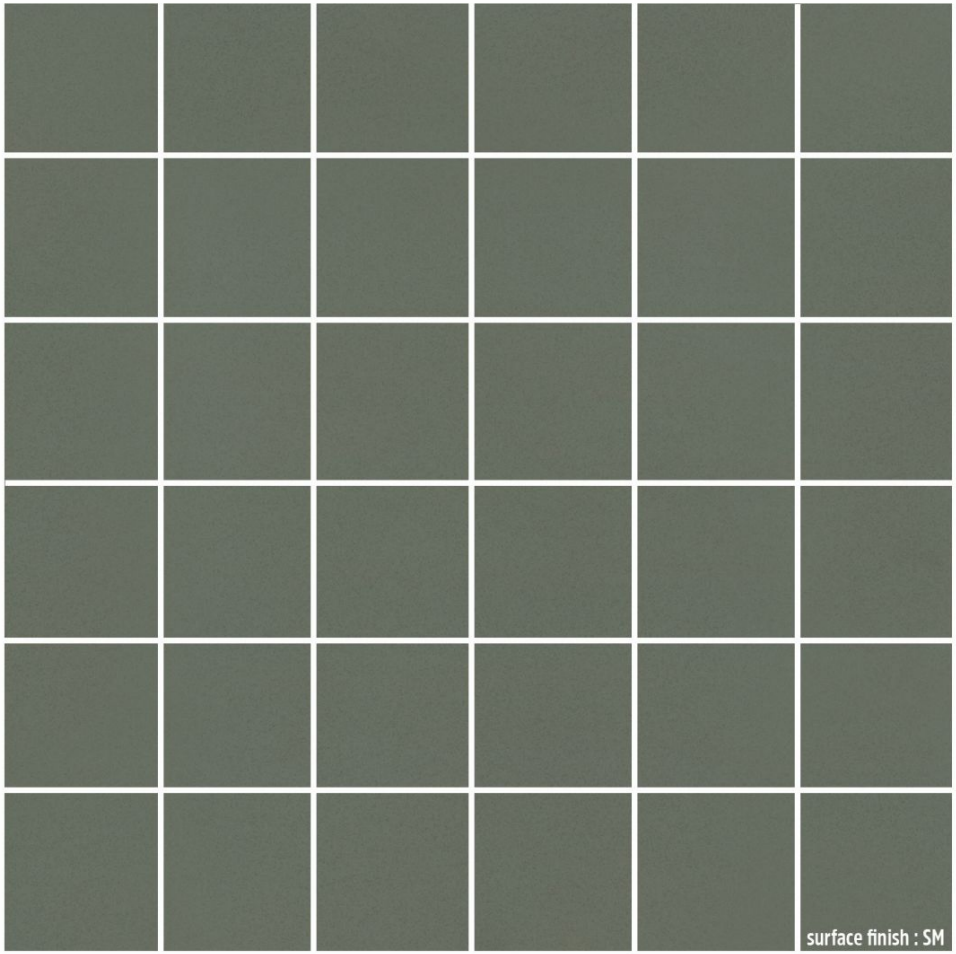

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thickness: 20mm , 16mm, 14mm

Technical Porcelain Tiles

Homogeneous Full Body Tile

Absolute Through-Body Design

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60x60cm | 60x30cm* | 30x 30cm*

any other thickness - under request and MOQ)

IMPACTA COLLECTION

sandy grey

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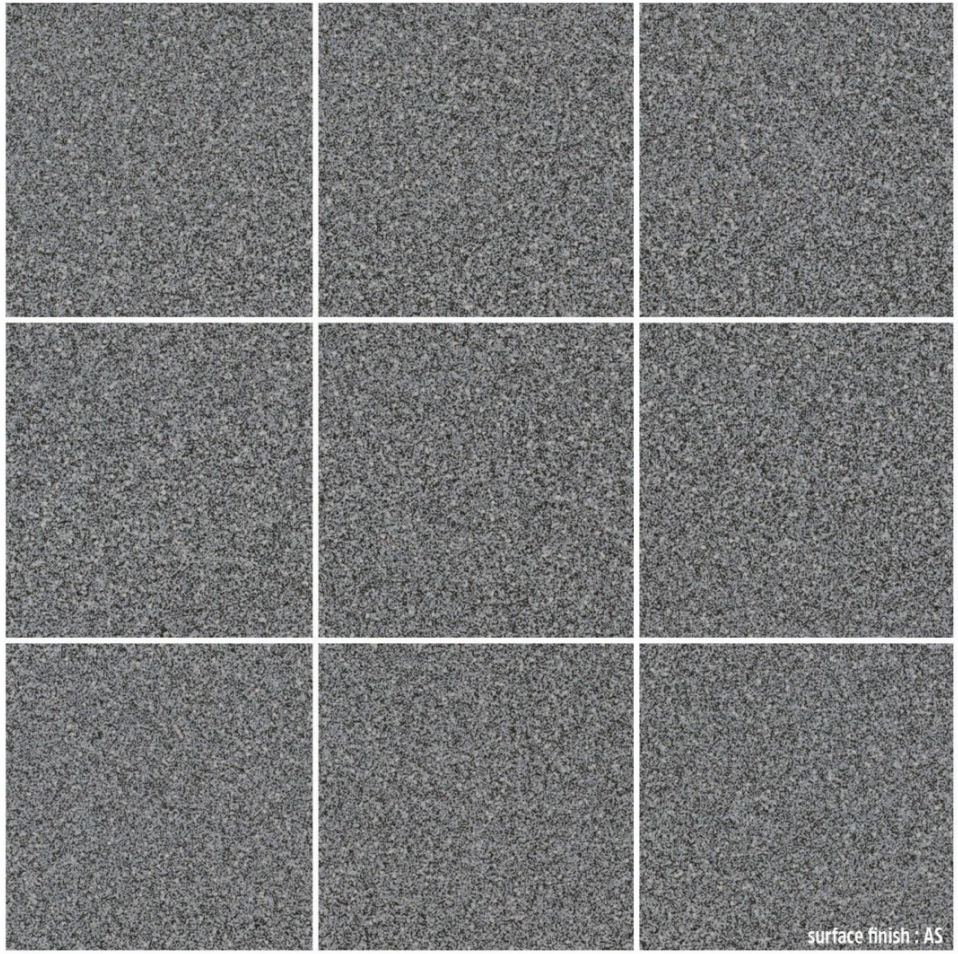

recommended spacer : 3mm

thickness: 20mm , 16mm, 14mm

R>11

Technical Porcelain Tiles

Homogeneous Full Body Tile

Absolute Through-Body Design

Full Body Color

0% Glaze Coating

0% Digital Printing

60x60cm | 60x30cm* | 30x 30cm*

any other thickness - under request and MOQ)

IMPACTA COLLECTION

hexa-dark grey

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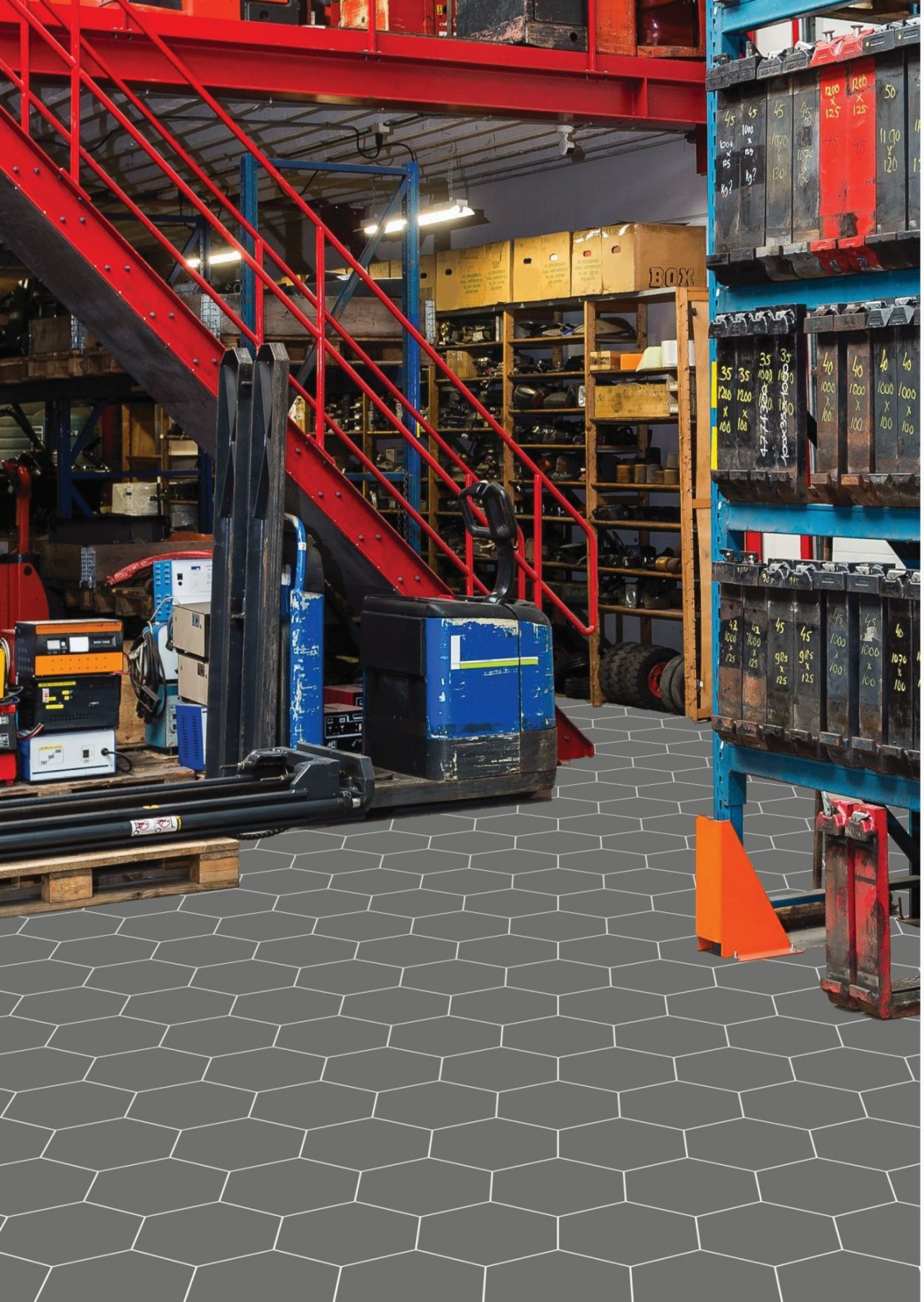

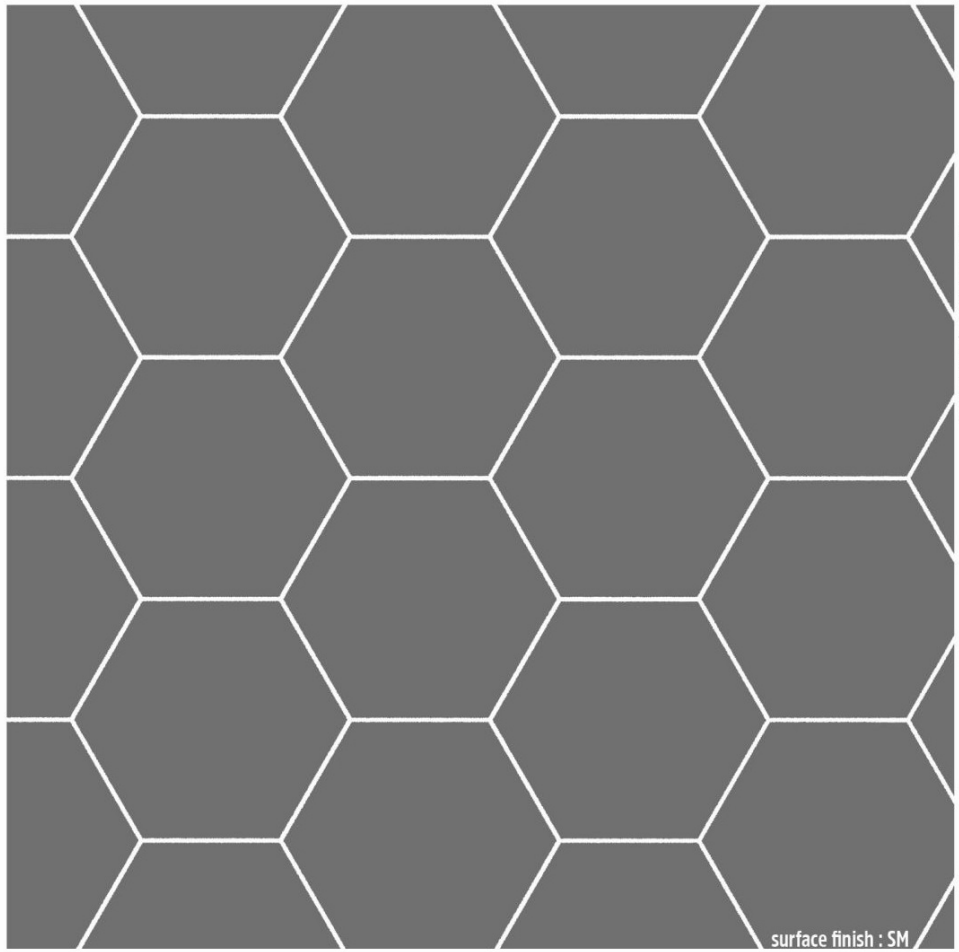

recommended spacer : 3mm

thickness: 20mm , 16mm, 14mm

Technical Porcelain Tiles

Homogeneous Full Body Tile

Absolute Through-Body Design

Full Body Color

0% Glaze Coating

0% Digital Printing

345x300mm

any other thickness - under request and MOQ

IMPACTA COLLECTION

hexa-mushroom

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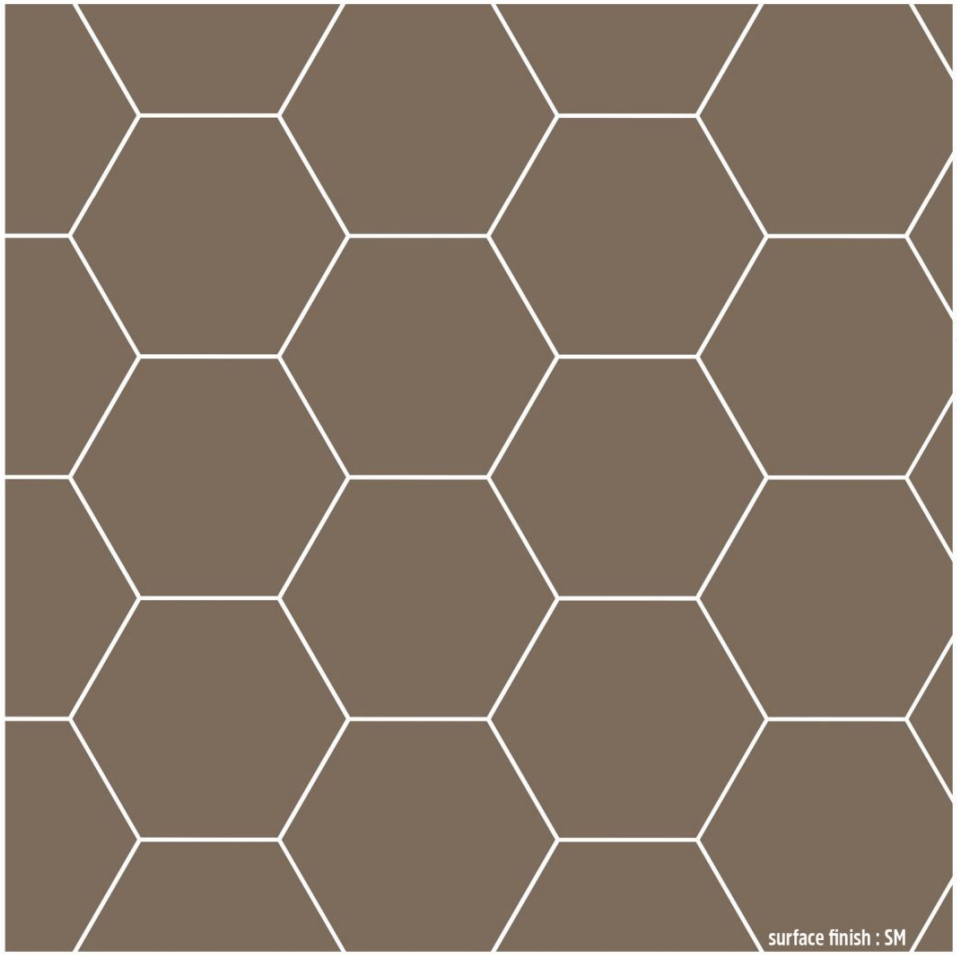

recommended spacer : 3mm

thickness: 20mm , 16mm, 14mm

Technical Porcelain Tiles

Homogeneous Full Body Tile

Absolute Through-Body Design

Full Body Color

0% Glaze Coating

0% Digital Printing

345x300mm

any other thickness - under request and MOQ

IMPACTA - TECHNICAL SPECS

S.NO		PROPERTIES	IS 4457 : 2007	RESTILE VALUE 300X300 -14MM	RESTILE VALUE 300X300 - 20MM	RESTILE VALUE 600X600 - 16MM	RESTILE VALUE 600X600 - 20MM
DIMENSIONAL PROPERTIES	1	Deviation in Length & Width	± 0.75%	± 0.7%	± 0.7%	± 0.7%	± 0.7%
	2	Deviation in Thickness	± 5%	± 5%	± 5%	± 5%	± 5%
	3	Straightness of Sides	± 0.5%	± 0.4%	± 0.4%	± 0.4%	± 0.4%
	4	Rectangularity	± 0.6%	± 0.4%	± 0.4%	± 0.4%	± 0.4%
	5	Surface Flatness					
		a. Centre Curvature	± 0.5%	± 0.3%	± 0.3%	± 0.3%	± 0.3%
		b. Edge Curvature	± 0.5%	± 0.3%	± 0.3%	± 0.3%	± 0.3%
		c. Warpage	± 0.5%	± 0.3%	± 0.3%	± 0.3%	± 0.3%
	6	Surface Quality	Min.95% free from visible defects	Min. 95%	Min. 95%	Min. 95%	Min. 95%
PHYSICAL PROPERTIES	7	Water Absorption by weight	Average < 0.5% Individual 0.6% Max	< 0.15%	< 0.15%	< 0.15%	< 0.15%
	8	Modulus of Rupture (N/mm2)	Average 35 Individual 32 Min.	Avg. 37	Avg. 37	Avg. 37	Avg. 37
	9	Breaking Strength (N)	1300 Min.	> 4500	> 7200	> 5000	> 6200
	10	Scratch Hardness on Surface (on Moh's Scale)	5 Min.	6 Min.	6 Min.	6 Min.	6 Min.
	11	Resistance to deep abrasion (N/mm2) **(unglazed tiles)**	175 Max	< 144	< 144	< 144	< 144
	12	Anti-Slip Resistance (co-efficient of Friction)	Manufacture to declare value	SM: R>10 | u>0.6 Sandy: R>11 | u>0.65	SM: R>10 | u>0.6 Sandy: R>11 | u>0.65	SM: R>10 | u>0.6 Sandy: R>11 | u>0.65	SM: R>10 | u>0.6 Sandy: R>11 | u>0.65
CHEMICAL PROPERTIES	13	Resistance to Stains **(unglazed tiles)**	Class 2, Min.	Class 2, Min.	Class 2, Min.	Class 2, Min.	Class 2, Min.
	14	Resistance to Chemicals **(unglazed tiles)**					
		a. Resistance to low concentration of acids & alkalis	Required	Resistant	Resistant	Resistant	Resistant
		b. Resistance to high concentration of acids & alkalis	Required	Resistant	Resistant	Resistant	Resistant
		c. Resistance to household chemicals	Required	Resistant	Resistant	Resistant	Resistant
		d. Resistance to Conc. Acid HNO_3 and H_2SO_4 (weight loss)	< 1.5%	≤ 1%	≤ 1%	≤ 1%	≤ 1%

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