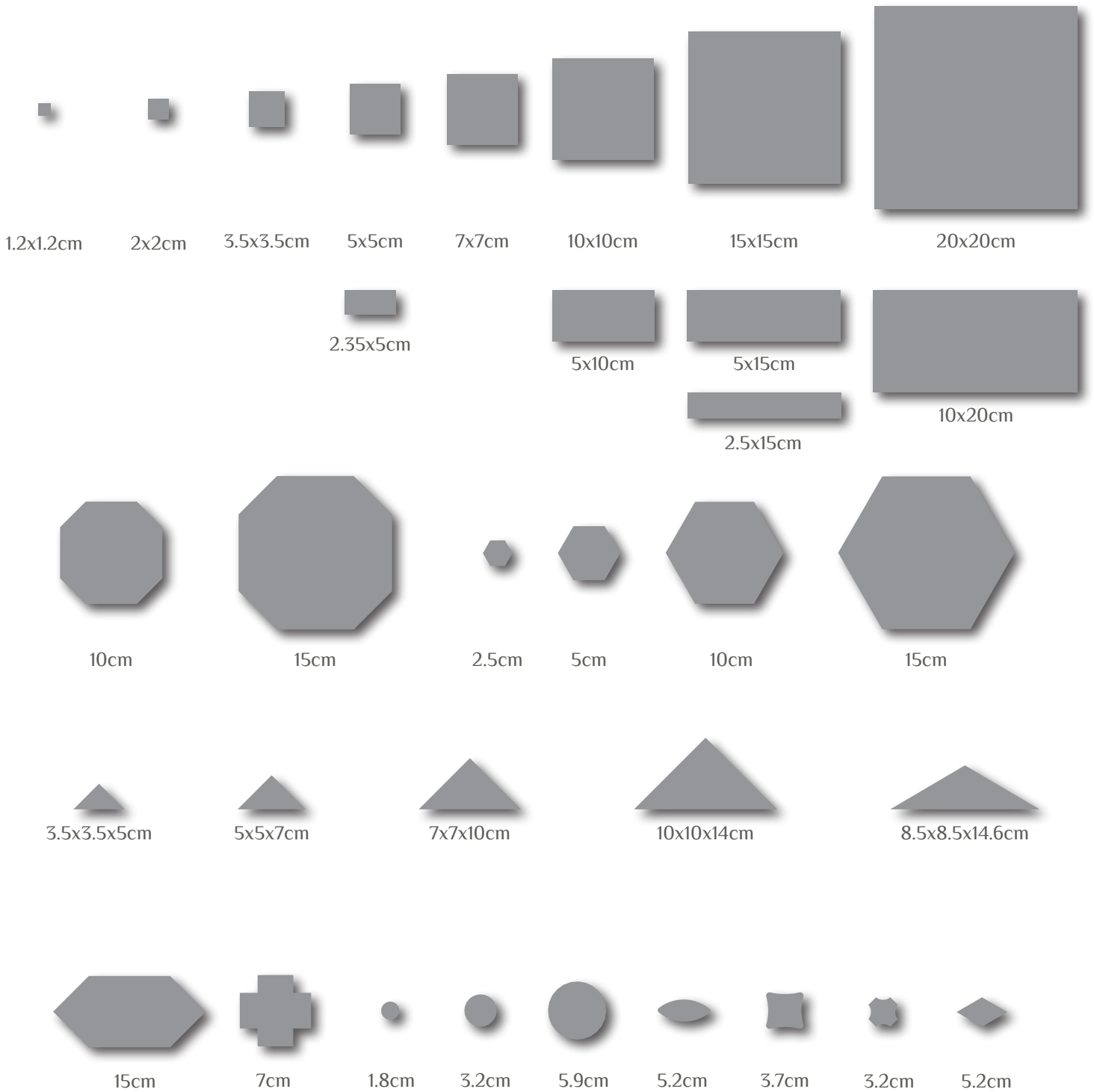


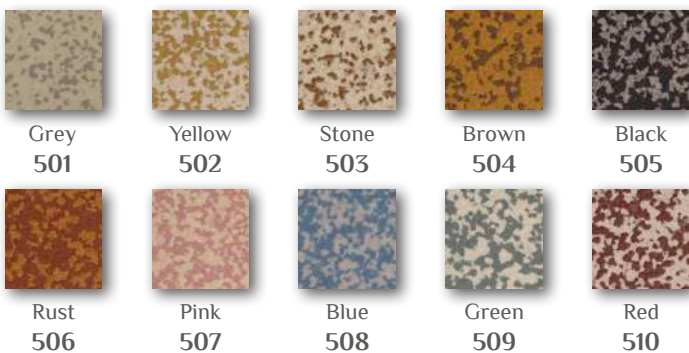
Formats



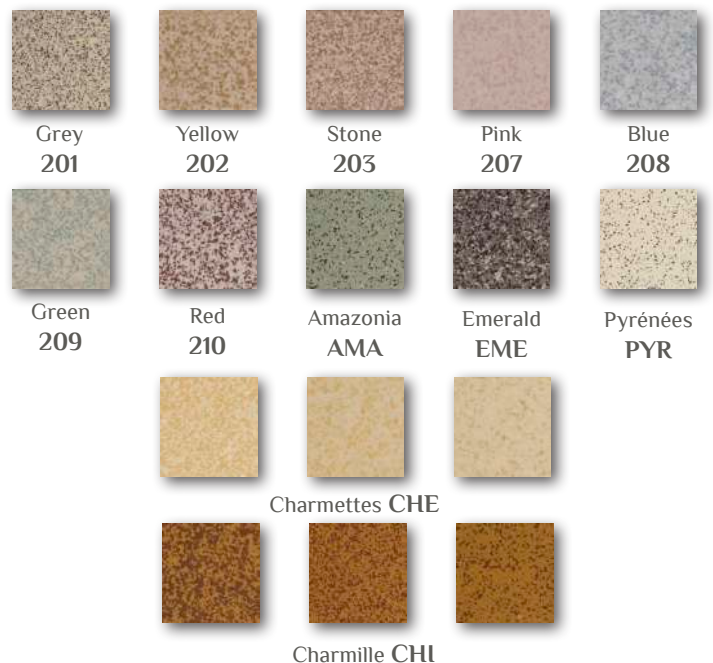
Plain colours



Porphyry



Speckled



Format table

Format	Size (in cm)	Available Thicknesses (in cm)	Available assembled on sheets	Available in loose packaging
Square	1.2x1.2	0.38 / 0.5	◆	◆
	2x2	0.38	◆	◆
	3.5x3.5	0.9	◆	◆
	5x5	0.5 / 0.9	◆	◆
	7x7	0.9	◆	◆
	10x10	0.9 / 1.1	◆	◆
	15x15	0.9		◆
	20x20	0.9		◆
Rectangle	2.35x5	0.5	◆	◆
	2.5x15	0.9	◆	◆
	5x15	0.9	◆	◆
	5x10	0.9	◆	◆
	10x20	0.9		◆
Hexagon	2.5x2.5	0.38 / 0.9	◆	◆
	5x5	0.5	◆	◆
	10x10	0.9	◆	◆
	15x15	0.9		◆
Octagon	10x10	0.9	◆	◆
	15x15	0.9		◆
Triangle	3.5x3.5x5	0.9		◆
	5x5x7	0.9		◆
	7x7x10	0.9		◆
	10x10x14	0.9		◆
	8.5x8.5x14.6	0.9	◆	◆
Round	1.8	0.38 / 0.9	◆	◆
Cross	7x7	0.9	◆	◆
Diamond	5	0.5	◆	◆
Shuttle	15x7	0.9	◆	◆

Technical Data









DRY-PRESSED UNGLAZED (UGL) PORCELAIN STONEWARE TILES.

GROUP B1A - BRANDS AND NF/UPEC CLASSIFICATION - EUROPEAN STANDARD

Room floors are rated on the growing intensity of attacks from wear (surface abrasion), heavy traffic, water for maintenance or normal use and so-called staining or chemical products.

The tiles are subjected to tests to determine their resistance to these attacks and are NF/UPEC classified.

Details of our certifications can be found on the opposite page and valid technical data for all our tiles in the table below (the various certificates are available on request and can also be consulted at <http://winckelmans.com/Qualite/> or using the flashcode at the bottom of this page).

Characteristics	Required results	Our results
 Acid- and alkali-resistant	No altered appearance detected	No deterioration
 Variation in weight	< 1%	< 0.2 %
 Water absorption (as %)	< 0.6% (individual) ≤ 0.5% (average)	0.1% - 0.5%
 Frost-resistant after fifty frost/thaw cycles (+20°C to -15°C)	No effect	Compliant
 Resistant to thermal shocks	No deterioration	Compliant
 Resistant to deep abrasion (volume of material removed)	< 175mm ³	24mm ³
 Resistant to heavy traffic	No deterioration	Compliant
 Shock-resistant (falling ball)	No deterioration	Compliant

Consult our certificate download space using the flashcode opposite:



web

Quality and Antislip Standards



Size (in cm)	Thickness (in mm)	Particularity	UPEC Rating	DIN 51130 Rating	DIN 51097 Rating
1.2x1.2cm	3.8mm	Square	U4 P2 E3 C2	-	-
2x2cm	3.8mm	Square	U4 P3 E3 C2	R10	C
3.5x3.5cm	9mm	Square/Dot	U4 P4 E3 C2	-	-
5x5cm	5mm	Square	U4 P3 E3 C2	R10	C
5x5cm	9mm	Square/Dot	U4 P4 E3 C2	-	-
10x10cm	9mm	Square	U4 P4+ E3 C2	R10	B
10x10cm	11mm	Square	U4 P4S E3 C2	-	-
10x10cm	13mm	Square	U4 P4S E3 C2	-	-
15x15cm	9mm	Square	U4 P4+ E3 C2	R10	B
20x20cm	9mm	Square	U4 P4+ E3 C2	R9	B
5x5cm	5mm	Hexagon	U4 P3 E3 C2	-	-
10x10cm	9mm	Hexagon	U4 P4+ E3 C2	-	-
10x10cm	11mm	Hexagon	U4 P4S E3 C2	-	-
10x10cm	9mm	Octagon	U4 P4+ E3 C2	-	-
15x15cm	9mm	Octagon	U4 P4+ E3 C2	-	-
2.35x5cm	5mm	Rectangle	U4 P3 E3 C2	-	-
5x5cm	5mm	Antislip Square	U4 P3 E3 C2	-	-
10x10cm	9mm	Orange Peel Square	U4 P4+ E3 C2	R11	-
5x5cm	5mm	1 Round Edge Square	U4 P3 E3 C2	-	-
10x10cm	9mm	1 Round Edge Square	U4 P4+ E3 C2	-	-
5x5cm	5mm	Step Tread	U4 P3 E3 C2	-	-
10x10cm	9mm	Step Tread	U4 P4+ E3 C2	-	-

Packaging information

Particularity	Size (in cm)	Thickness (in mm)	Reference Unit	Product Type	Quantity per Box
Square	1.2x1.2cm	3.8	M2	Assembled	1.33M2
			KG	Loose	20KG/2.66M2
			Blister Pack	Loose	240G/ ≈ 200pieces
			Pot	Loose	700G/ ≈ 590pieces
			Pot	Loose	1.4KG/ ≈ 590pieces
	2x2cm	3.8	M2	Assembled	1.33M2
			KG	Loose	20KG/2.90M2
	3.5x3.5cm	9	Blister Pack	Loose	240G/ ≈ 75pieces
			Pot	Loose	700G/ ≈ 200pieces
			Pot	Loose	1.4KG/ ≈ 440pieces
			M2	Loose	100pieces/0.12M2
			M2	Assembled	1.01M2
	5x5cm	5	M2	Assembled	1.01M2
		9	M2	Loose	25pieces/0.06M2
	7x7cm	9	M2	Loose	25pieces/0.12M2
			M2	Loose	120pieces/0.59M2
			M2	Assembled	0.51M2
	10x10cm	9	M2	Loose	50pieces/0.50M2
			M2	Assembled	0.56M2
	15x15cm	9	M2	Loose	25pieces/0.56M2
20x20cm	9	M2	Loose	12pieces/0.48M2	
Antislip Square	5x5cm	5	M2	Assembled	1.01M2
	5x5cm	5	M2	Loose	40pieces/0.1M2
	5x5cm	5	M2	Loose	900pieces/2.25M2
	10x10cm	9	M2	Loose	50pieces/0.50M2

Packaging of accessories, decorated tiles and specific formats: please refer to the Retail Price List.

Particularity	Size (in cm)	Thickness (in mm)	Reference Unit	Product Type	Quantity per Box
Hexagon	2.5x2.5cm	3.8	M2	Assembled	1.06M2
			KG	Loose	20KG/2.5M2
		9	M2	Assembled	0.45M2
			KG	Loose	20KG
	5x5cm	5	M2	Assembled	0.83M2
			KG	Loose	44pieces/0.11M2
	10x10cm	9	M2	Loose	46pieces/0.42M2
				Assembled	0.45M2
15x15cm	9	M2	Loose	24pieces/0.48M2	
Octagon	10x10cm	9	M2	Loose	50pieces/0.50M2
	15x15cm	9	M2	Loose	25pieces/0.56M2
Rectangle	2.35x5cm	5	M2	Straight pattern	1.01M2
				Brickbond pattern	0.93M2
				Loose	100pieces/0.12M2
				Loose	800pieces/1M2
	5x10cm	9	M2	Loose	50pieces/0.25M2
	5x15cm	9	M2	Loose	20pieces/0.15M2
	2.5x15cm	9	M2	Loose	40pieces/0.15M2
	10x20cm	9	M2	Loose	25pieces/0.50M2
Isosceles Triangle	8.5x8.8x14.6 cm	9	M2	Assembled	0.38M2
			M2	Loose	40pieces/0.20M2
Basket Weave	-	5	M2	Assembled	0.92M2
Tetrix	-	9	M2	Assembled	0.41M2
Reef Knot	-	9	M2	Assembled	0.46M2
Textile	-	9	M2	Assembled	0.64M2
Eclipse	-	9	M2	Assembled	0.52M2
Honeycomb	-	9	M2	Assembled	0.50M2
Church	-	9	M2	Assembled	0.55M2

Laying and maintenance advice

LAYING TILES/TILES ON SHEETS

To achieve a uniform finish, it is advisable to open several boxes, take several sheets haphazardly and lay them randomly.

PHASE 1: CLEANING THE CEMENT FILM

Immediately after laying, the tiles are covered with a whitish film. This is normally surplus cement film introduced during grouting. These cement residues are cleaned using acid products and mechanical treatment. This operation is essential: it must be carried out initially by the tiler.

Products to be used:
Special unglazed tile cement film stripper

Method:

- Sweep the coating and eliminate the largest residues
- Moisten the joints
- Spread the product on part of the surface (treatment per area).
Leave to work for a few minutes.
- Rub the floor mechanically.
- Rinse thoroughly with water (several times if necessary) to neutralise the product and recover the cement particles.

PHASE 2 (OPTIONAL): APPLYING AN ANTI-STAIN WATERPROOFING AGENT

Although this stage is optional, it can take place a few days after laying new, clean tiles (cement film must be removed in advance without fail).

The tiles should ideally be protected to prevent staining products (grease, ink, etc.) affecting the surface of the product. For this, it is recommended to apply a waterproofing agent one to two weeks after laying. The treatment is applied to clean, dry tiles.

Products to be used:
Special unglazed tile anti-stain waterproofing agent

PHASE 3: ROUTINE MAINTENANCE

The purpose of routine tile maintenance is to keep the original appearance of the tiles as long as possible. Frequent washing is therefore necessary. The choice of detergent and the quality of the water (preferably soft) will influence the cleanliness of the tile. Linseed oil products will not normally be used as they are a source of grime on the floors.

Products to be used: Any standard alkaline product or Winckelmans cleaner.

Avoid:
Linseed oil products (grime the tile)
Never use:
HF hydrofluoric acid and by-products (damage the tile)

