Mutina

Kosei
by Vincent Van Duysen

EN

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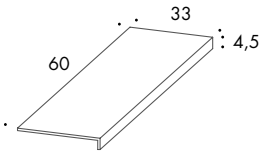
General information

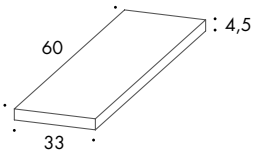
collection	Kosei
design	Vincent Van Duysen, 2022
production	Industrial
material	Extruded unglazed porcelain stoneware
thickness	10 mm
nominal sizes	60x180 cm (24”x71”), 60x90 cm (24”x36”), 60x60 cm (24”x24”), 15x90 cm (6”x36”), 15x60 cm (6”x24”), 15x30 cm (6”x12”), 15x15 cm (6”x6”) chevron: 9,6x56,5 cm (4”x22”)
specification	– 5 colours: Bone, Storm, Terra, Grey Green, Dark Grey
category	UNI EN 14411 App A (AI group) UGL

complementary pieces

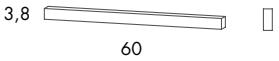
step
33·60·4,5 cm
13”·24”·1 7/8”

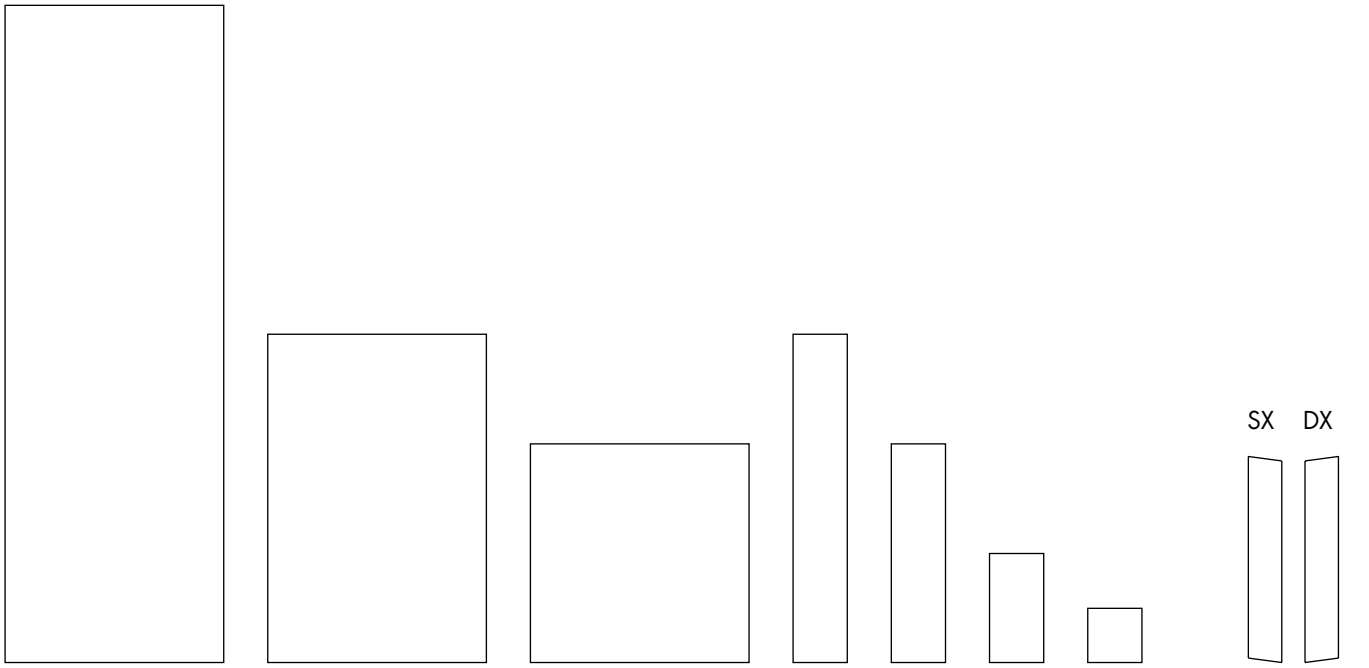


corner tile
33·60·4,5 cm
13”·24”·1 7/8”



skirting
3,8·60 cm
2”·24”





60x180 cm | 60x90 cm | 60x60 cm | 15x90 cm | 15x60 cm | 15x30 cm | 15x15 cm | Chevron 9,6x56,5 cm

Laying and maintenance tips

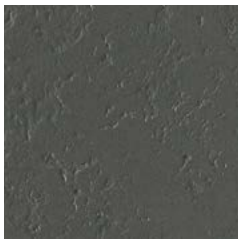
use	Floors, walls – indoor, outdoors.
installation	The double spreading technique is recommended for the 60x180 size.
recommended adhesive	Adhesive for porcelain stoneware.
recommended joints	2mm joints.
recommended fillers	CEMENT-BASED GROUT / EPOXY GROUT. Remove all traces of grout carefully before it dries completely.
cleaning at the end of installation	CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA or similar). Wet the floor with water, dilute the product 1:5 with water and pour it on the floor. Wait for 2-3 minutes then use a white scotch brite pad and rinse well with clean water. EPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch brite pad. SILICONE: Solvent for silicone e.g. FILA ZERO SIL. Put it straight onto the stain, wait for 20 minutes and remove the mark using scotch brite. PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable. RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.
general cleaning (installed tiles)	You are recommended to use ordinary neutral detergent diluted in water. Avoid using acid or alkaline products, waxes and/or impregnants. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.
calibers (real size)	59.8 x 179.8 cm 59.8 x 89.8 cm 59.8 x 59.8 cm 14.8 x 89.8 cm 14.8 x 59.8 cm 14.8 x 29.8 cm 14.8 x 14.8 cm

Colors

Bone

Storm

Terra


Grey Green

Dark Grey

Technical features

STANDARD	FEATURES	VALUE REQUIRED	KOSEI
ISO 10545/2	SIZES		
	lenght and width thickness straigthness of edges wedging flatness	± 1% ± 10% ± 0,5% ± 1% ± 0,5%/0,8%	in conformity with standard
ISO 10545/3	water absorption	< 0,5%	0,06%
ISO 10545/4	breaking strength modulus of rupture	≥ 1300 N ≥ 32 N/mm2	in conformity with standard
ISO 10545/9	resistance to thermal shock	comply requirements	resistant
ISO 10545/12	frost resistance	comply requirements	resistant
ISO 10545/13	Resistance to acids and alkalis (low and high concentration) Resistance to household cleaning agents and swimming pool chemicals	declared value minimum class B	A A
ISO 10545/14	stains resistance	minimum 3	5
DIN 51130			R10
DIN 51097			B
DCOF		> 0.42	0.84
Pendulum BS (EN 16165-c)			55 dry 45 wet
Pendulum AS/NZS (4586313 app A)			44 P3
Pendulum ES (UNE 41901)			45 C2
ISO 14001			
VOC Emission **Declaration of Contents** **EPD** **SVHC declaration**			available upon request

V2
minimum variation

Packing

SIZE	PCS·SQM	PCS·BOX	SQM·BOX	BOX·PAL	KG·BOX	KG·PAL	SQM·PAL
60·180 cm	0,93	1	1,08	48	25,20	1210	51,84
60·90 cm	1,85	2	1,08	48	25,20	1210	51,84
60·60 cm	2,78	2	0,72	64	16,80	1075	46,10
15·90 cm	7,41	6	0,81	51	18,90	964	41,31
15·60 cm	11,11	9	0,81	52	18,90	983	42,12
15·30 cm	22,22	18	0,81	52	18,90	983	42,12
15·15 cm	44,44	36	0,81	52	18,90	983	42,12
chevron 9,6·56,5	18,44	14	0,76	45	17,70	797	34,20
step 33·60·4,5 cm	–	2	1,20	–	13,00	–	–
corner tile 33·60·4,5 cm	–	1	0,60	–	6,50	–	–
skirting 3,8·60 cm	–	10	6 ml	–	5,00	–	–