Chymia
by Laboratorio Avallone



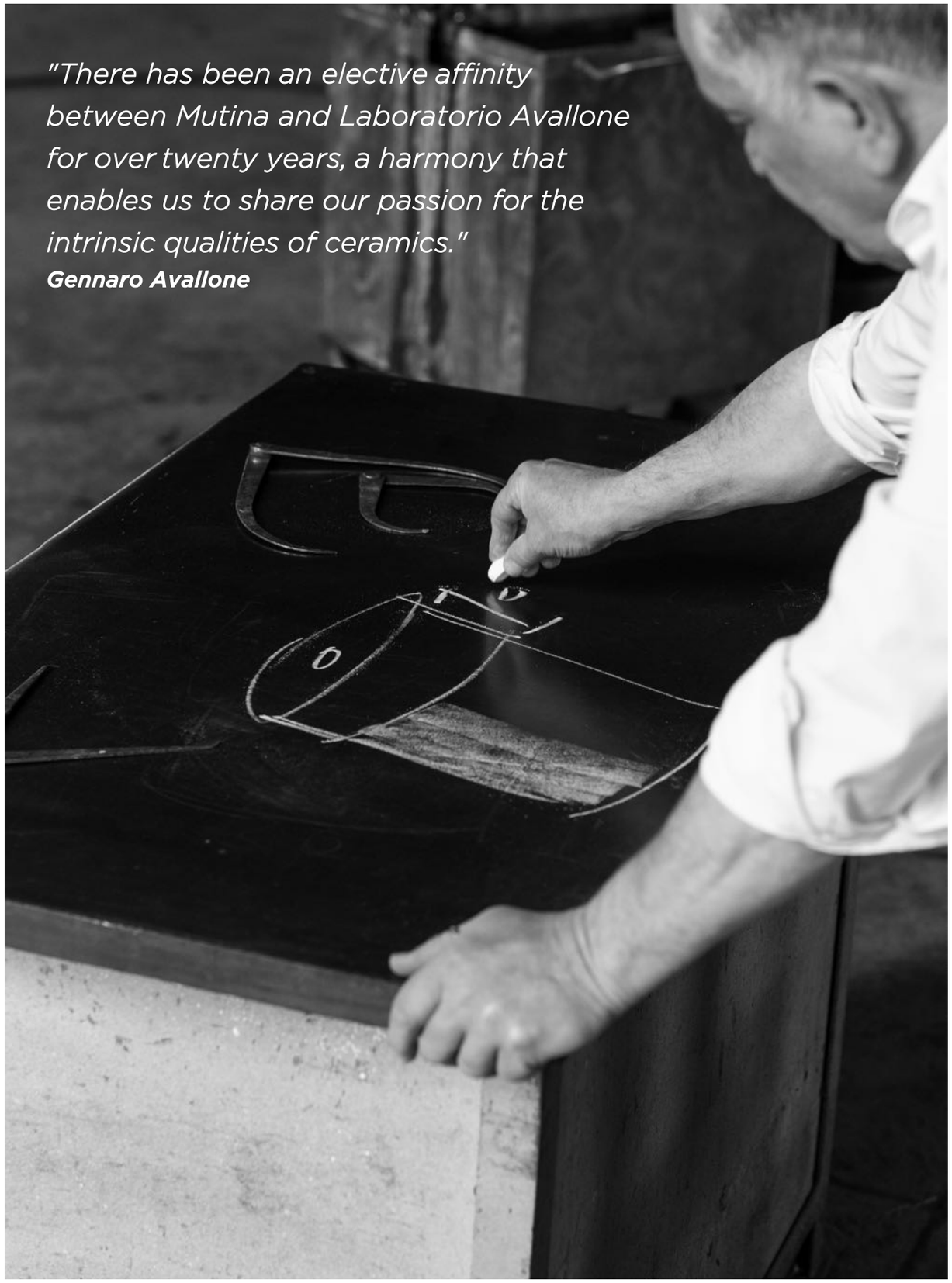
MUTINA®

Chymia
by Laboratorio Avallone

Chymia evokes the alchemical process of transforma-tion of raw material. A metamorphosis that develops by the will to explore and overcome the limits of matter. Developed with the aim of making a break with traditional styles, to restore strength and an original quality to ceramic as a material, with un-expected outcomes.

Inspiration from Pompeian paintings, Indian ink, the superb black of the vases excavated in Paestum, where there are abundant synergies. Chymia fluctuates between the two extremes of black and white, in which symbols and textures are combined to create patterns of light and shadow on the surface.





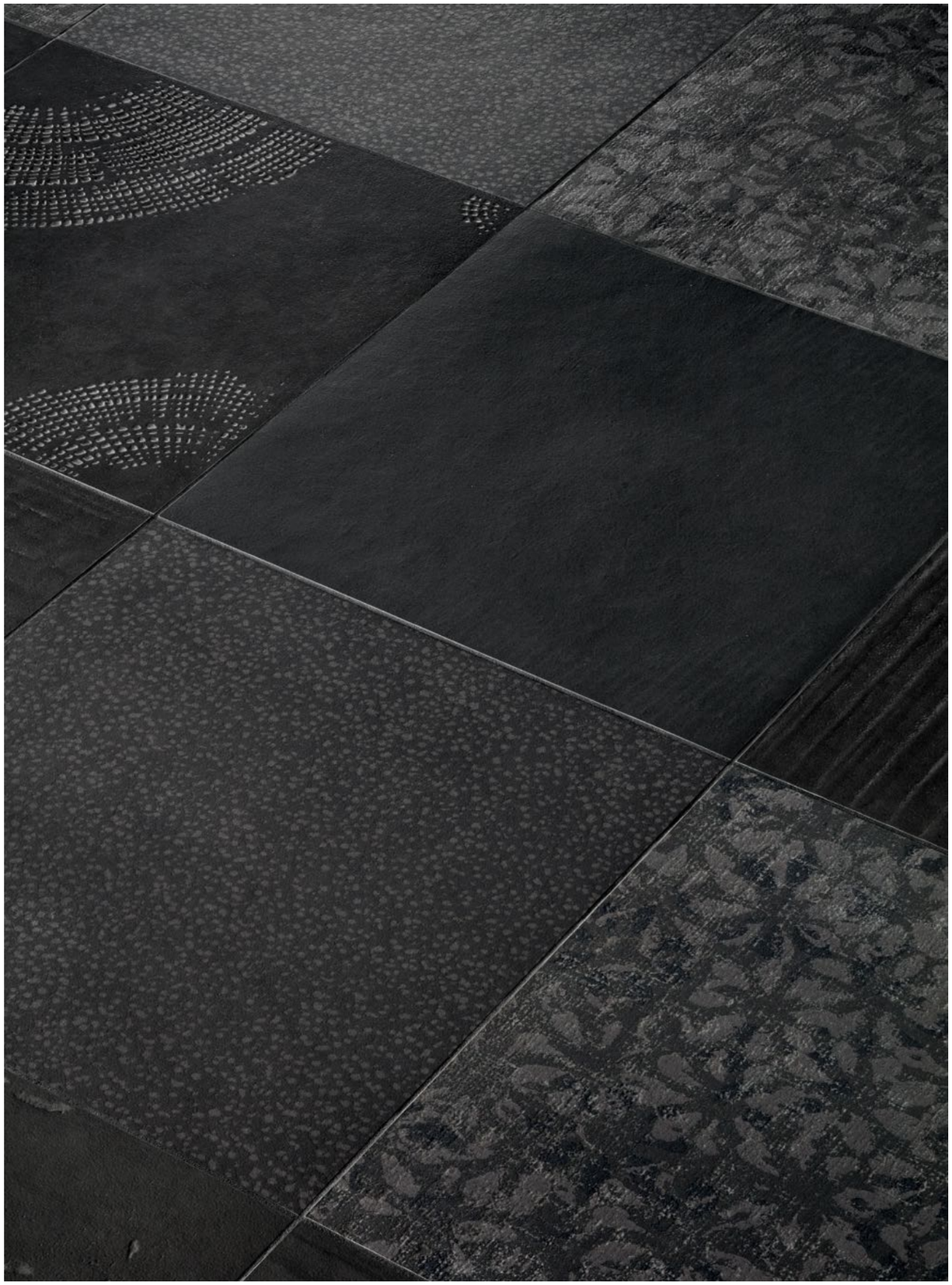
The research carried out by Laboratorio Avallone reaches into the applied arts, drawing on the arts of painting and sculpture to create unique and very special objects of contemporary furnishing. A defining characteristic of these products, which has led to their international fame, is the inclination to use surfaces with very distinctive and deep textures, both engraved and embossed, highlighting the material itself.

The epicentre of the design team is Gennaro Avallone, a master and experimenter, who for over twenty-five years has been continually exploring the limits and possibilities of surfaces with meticulous research that strives to create excellence.

Laboratorio Avallone is now working with Mutina to create Chymia, a ceramic collection that focuses on original research into black and white.

"Materials for me, are a means to an end and have come to represent that alchemical transformation when the skills of designing and creating fuse in all their complexity."

Gennaro Avallone







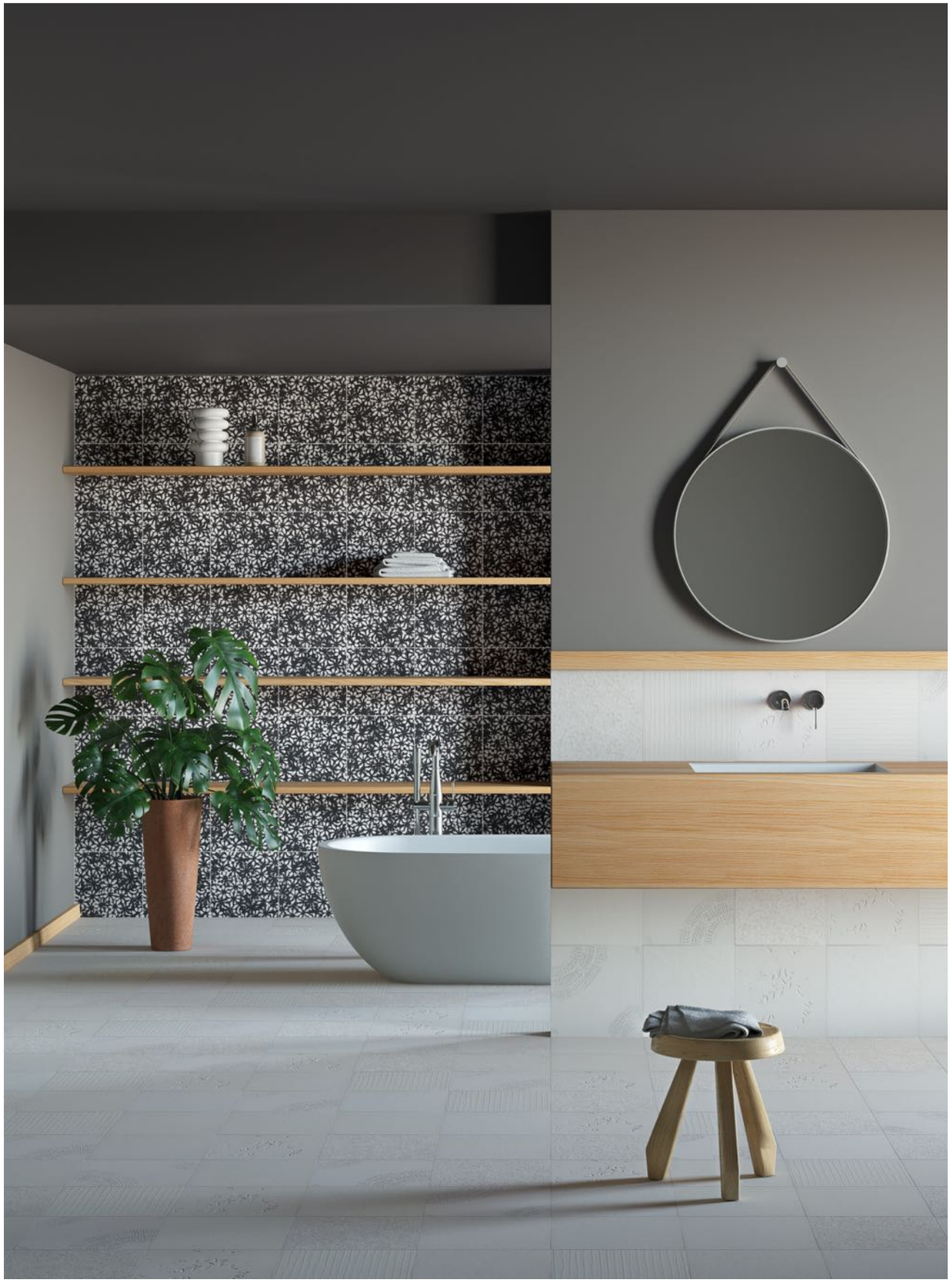


















Available Products

** different patterns randomly mixed into the box*

Flat White

Rigo White

Frost White



Drops White



Impronta White



Juta White



Bloom white



Ophelia White



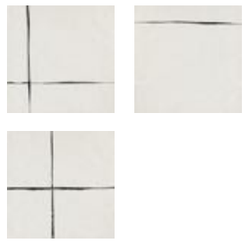
Cosmo White



Tassello White



Teorema White *





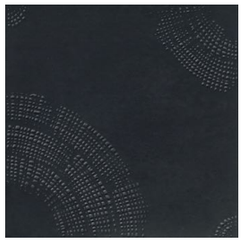
Flat Black



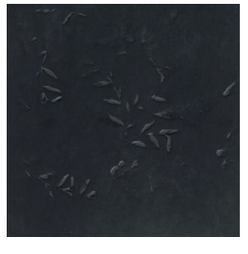
Rigo Black



Frost Black



Drops Black



Impronta Black



Juta Black



Bloom Black



Ophelia Black



Cosmo Black



Tassello Black



Teorema Black *

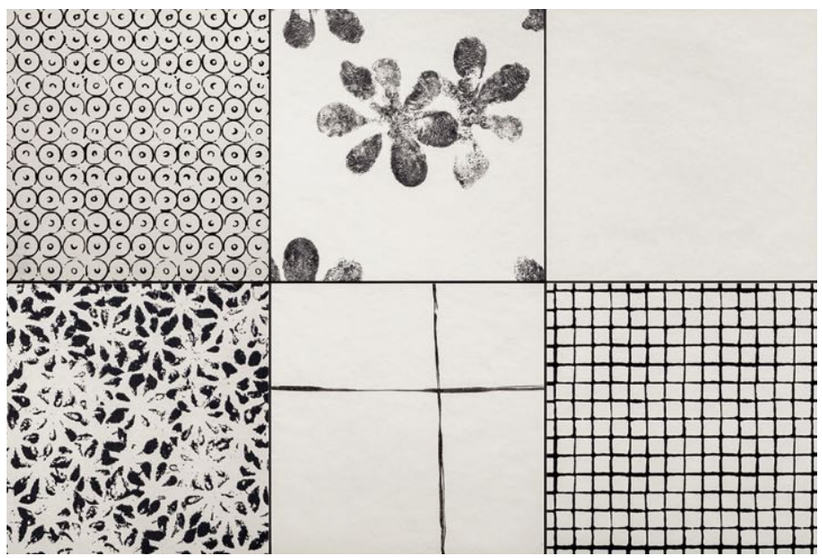
Available Products *MIXES*



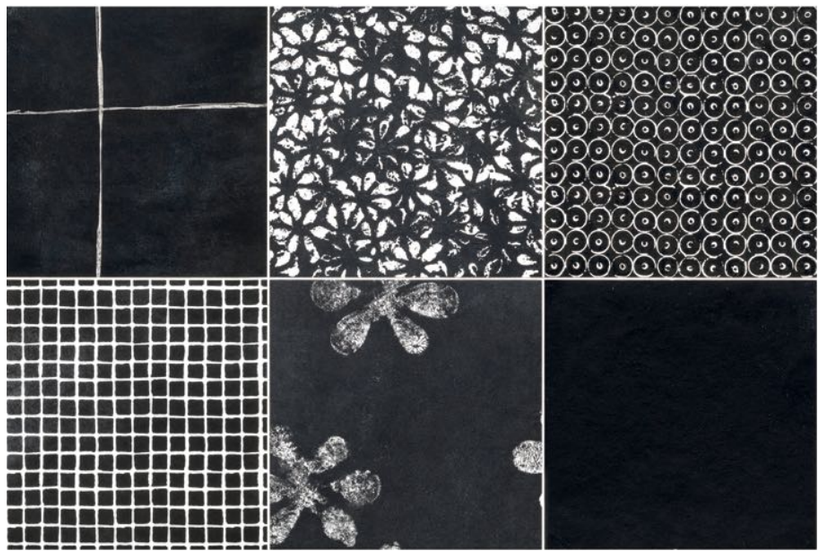
Mix 1 White



Mix 1 Black



Mix 2 White



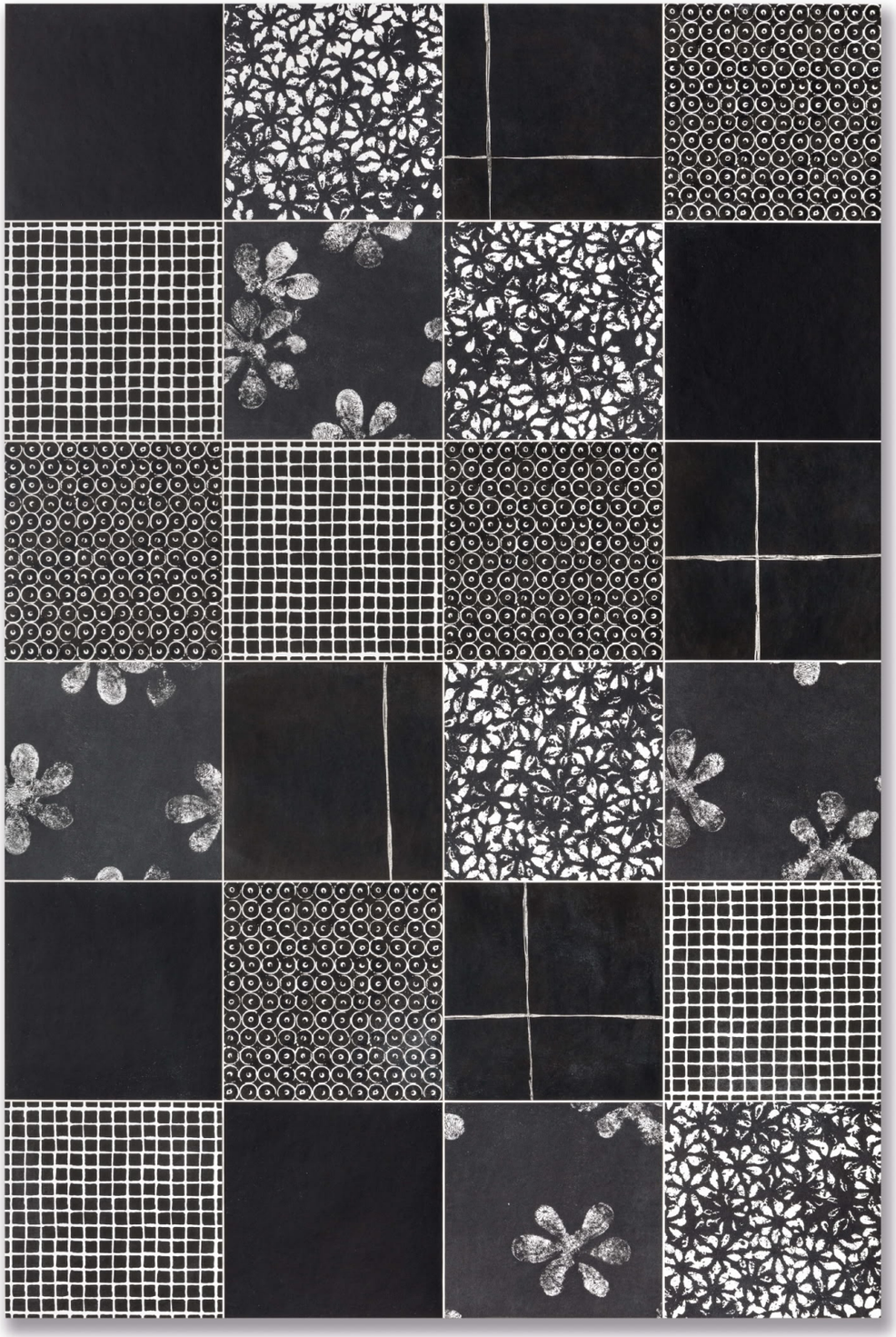
Mix 2 Black



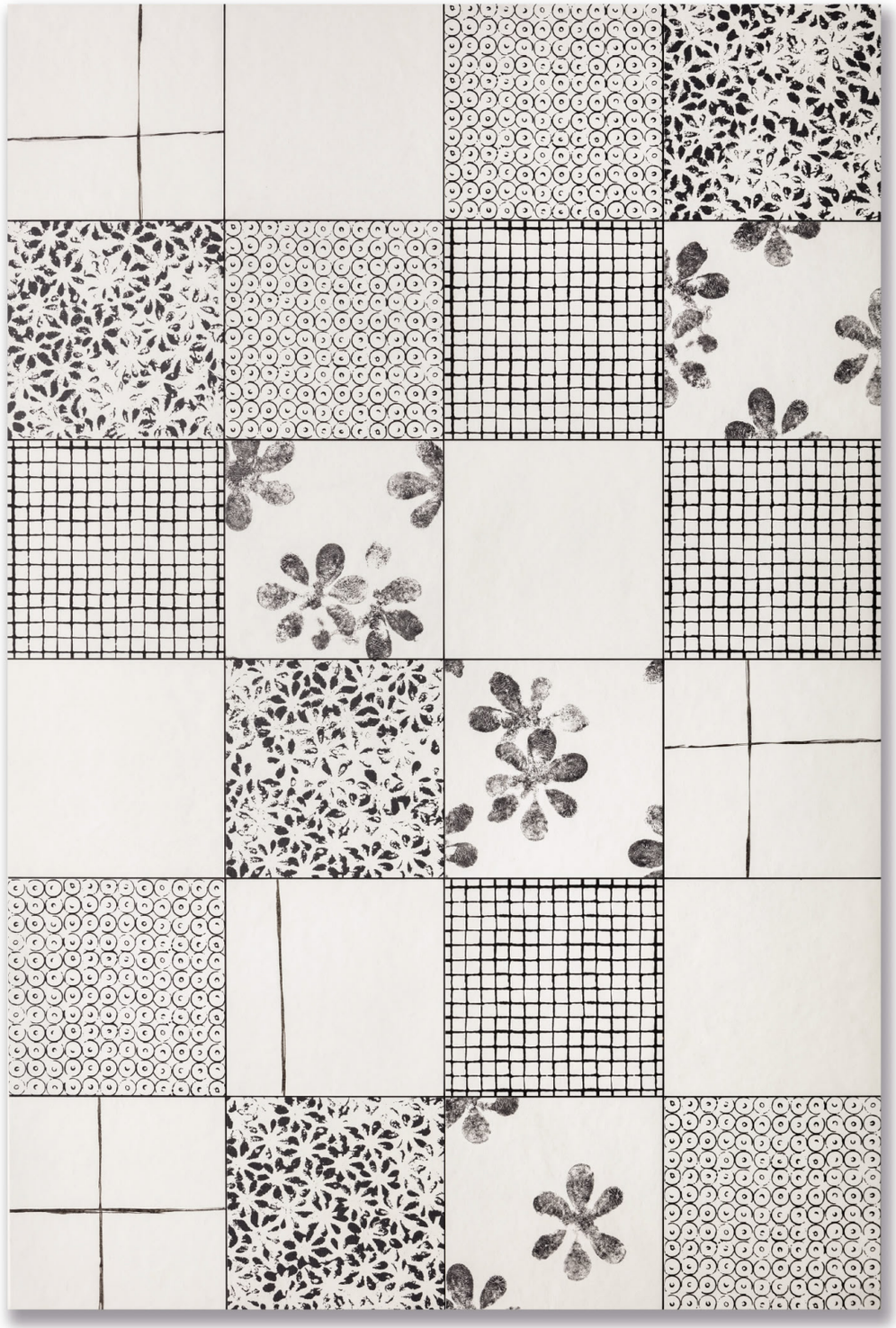
Mix 1 Black



Mix 1 White



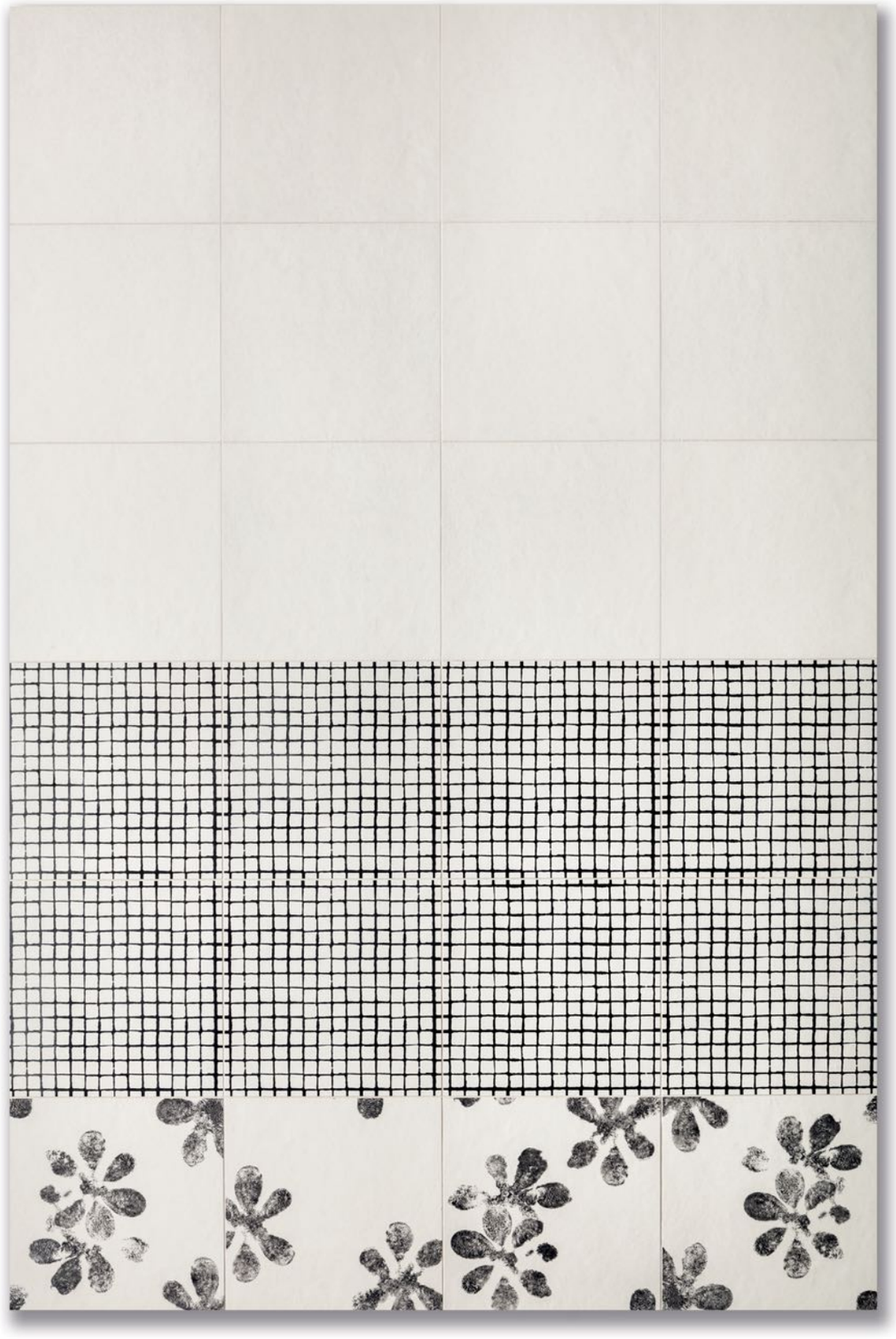
Mix 2 Black



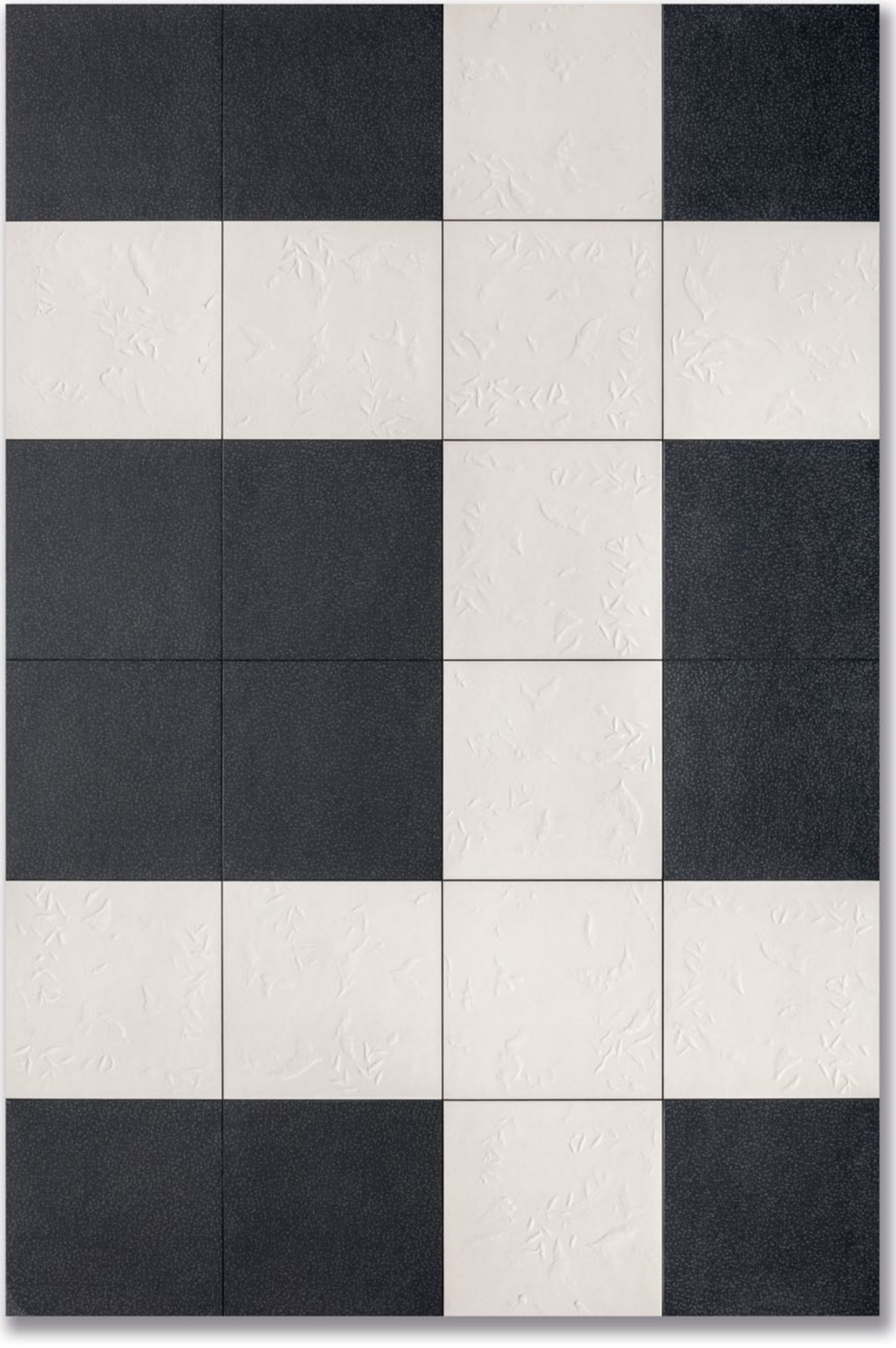
Mix 2 White



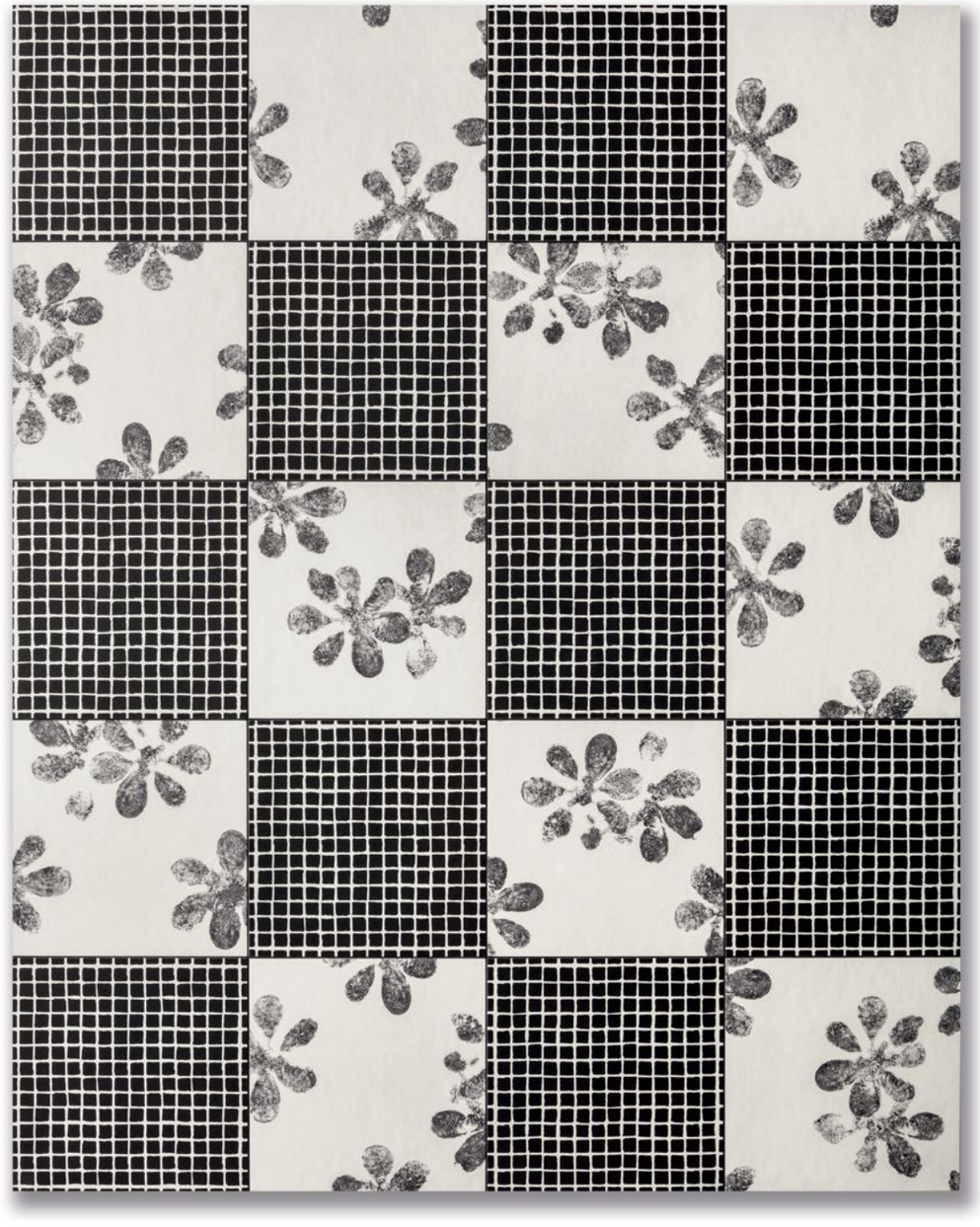
Flat Black & Ophelia Black



Flat White, Tassello White, Ophelia White



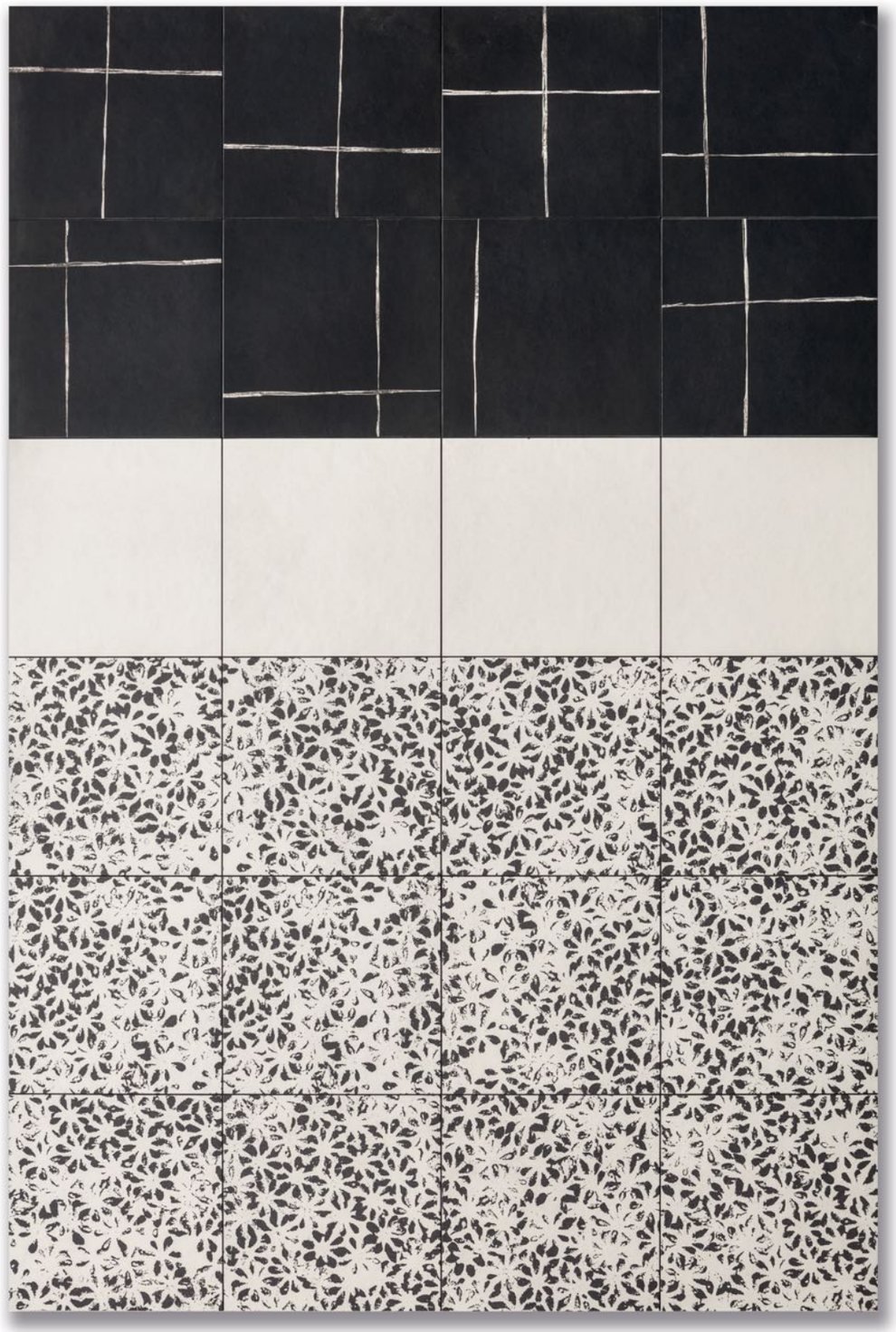
Frost Black & Impronta White



Tassello Black & Ophelia White



Frost Black & Juta Black



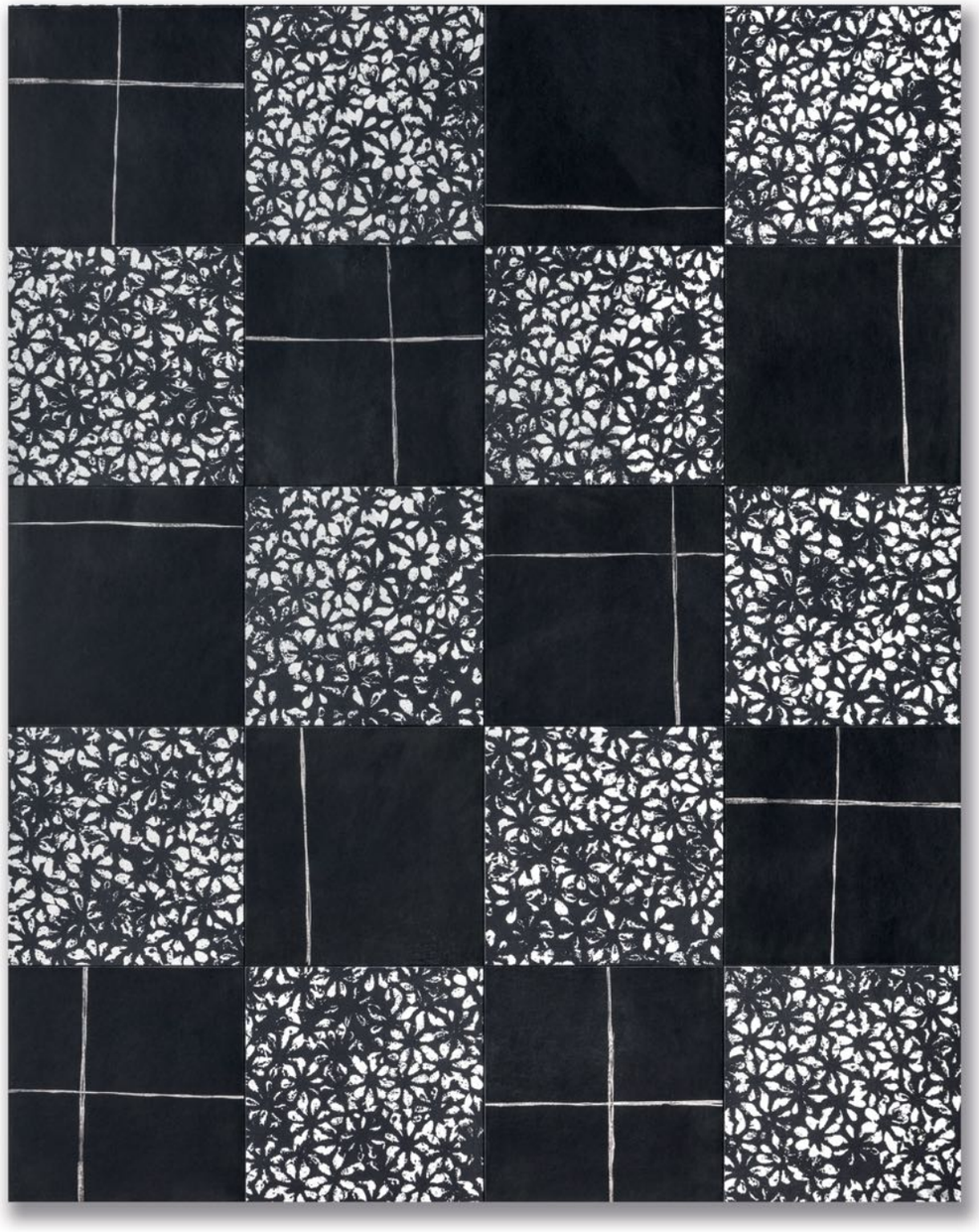
Teorema Black, Flat White, Bloom White



Ophelia Black & Teorema White



Drops White & Drops Black



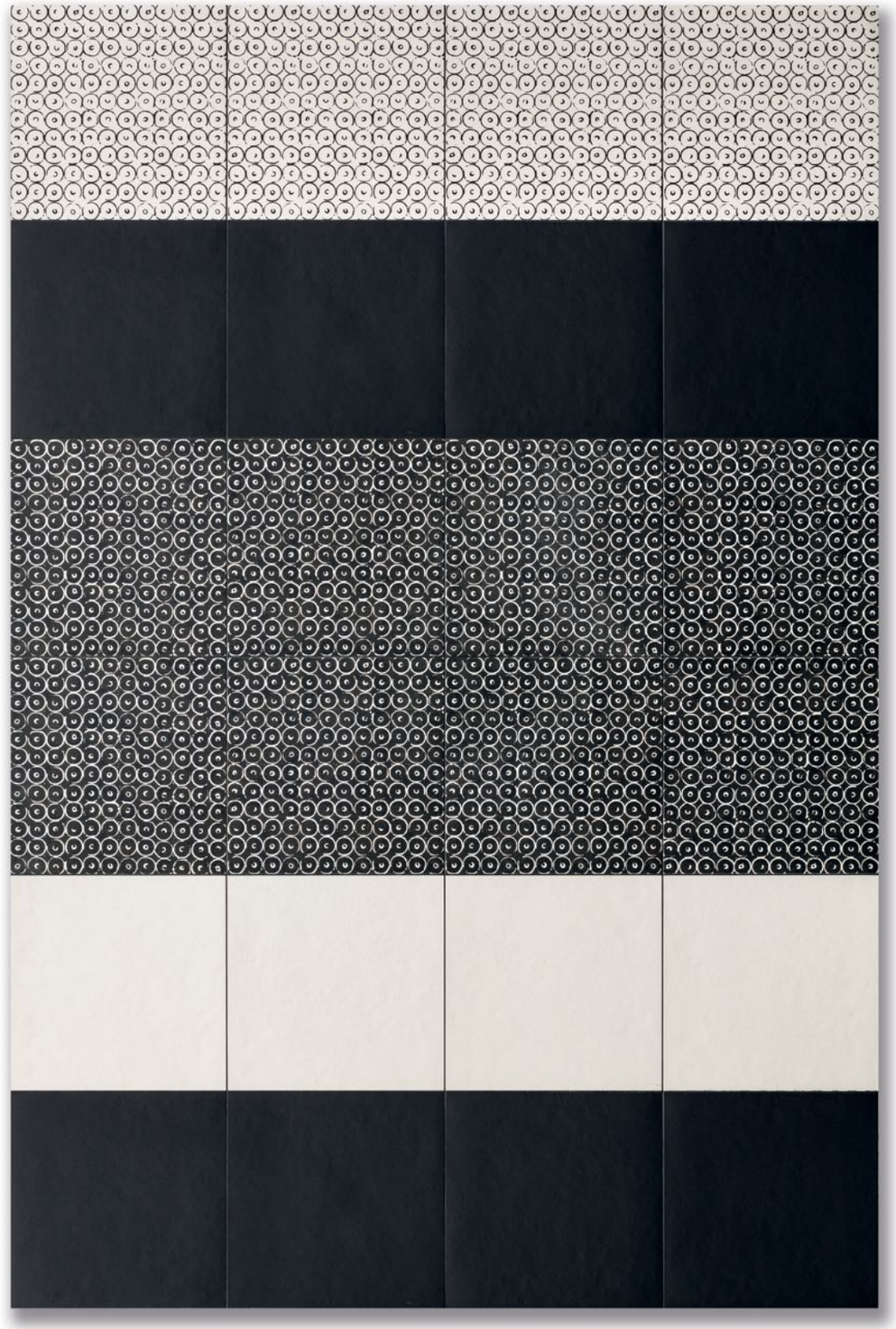
Teorema Black & Bloom Black



Rigo White & Juta White



Rigo Black & Rigo White



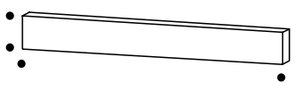
Cosmo White, Flat Black, Cosmo Black, Flat White

Sizes & Colors

collection	Chymia
design	Laboratorio Avallone, 2019
production	Industrial
material	Rectified glazed porcelain stoneware
thickness	10 mm
nominal sizes	30x30 cm
specification	The slight differences in the pattern among the pieces are intentional to obtain a never repetitive laying effect. The collection is: – 11 textures in White and Black – 4 mix, with 6 differents item
complementary pieces	Skirting
patent	Registered design n° 007510870-0001/0040 date of registration: 14/01/2020
category	UNI EN 14411 App G (BIA group) GL

complementary pieces

skirting 1 1/2" x 12"





section

Sustainability and Care

Chymia has been created with respect for the environment and the regulations in force governing sustainability. The ceramic elements are produced using natural raw materials that can be disposed of easily, have an expected life cycle of 50 years and are able to withstand the action of chemicals, outdoor weather conditions and situations of severe environmental stress (fires, flooding, humidity, temperature variations and UV rays). In addition, Chymia offers a number of advantages in terms of hygiene and maintenance. The material is resistant, non-absorbent and non-toxic; ceramic material can be cleaned with warm water and neutral detergents, thus helping to reduce the risk of pollution due to the use of chemical products.

Numerous manufacturing aspects have been considered with a view to both protecting health and guaranteeing quality:

- *The base body used for the tiles has a 20% recycled raw material content, calculated as a percentage of weight (post-consumer recycled material), in accordance with the requisites of UNI EN ISO 14021:2002 Environmental Label and Declarations (Type II environmental labelling) and LEED for New Construction & Major Renovations Rating System version 2.2-October 2005 (Green Building Council Italia – GBC and USGBC – U.S. Green Building Council).*
- *Packaging is completely recyclable.*
- *The collection is made using a production process that reduces to zero the emission of V.O.C. (Volatile Organic Compounds), chemical substances (benzene, chloroform, ethanol, butanol and formaldehyde) that are able to evaporate easily at room temperature; prolonged exposure to these substances in a closed environment can have both acute and chronic effects on health.*
- *The tiles do not contain and when used do not release any of the compounds present on the Red List of Building Materials, the list of Substances of Very High Concern (SVHC) and the Restricted Substances Declaration*, as per Article 33 of Regulation (EC) No. 1907/2006 (REACH regulation and Annex 17).*

Technical features

STANDARD	FEATURES	VALUE REQUIRED	CHYMIA
ISO 10545/3	water absorption	< 0,5%	0,06%
ISO 10545/4	breaking strength	Sp> 7,5 min 1300	resistant
ISO 10545/9	thermal shock resistance	no alteration	no alteration
ISO 10545/12	frost resistance	no alteration	no alteration
ISO 10545/13	acids and alkalis resistance	min B	A
ISO 10545/14	stains resistance	class 3	class 5
DIN 51130-04	slip resistance	medium values 6÷10° R9 10÷19° R10 19÷27° R11 27÷35° R12 > 35° R13	R9 Flat R10
DIN 51097		–	A Flat B
DCOF		>0,42	> 0,59
Pendulum BS7976-2		–	45 dry / 25 wet Flat 56 dry/ 42 wet
LEED 4.1		–	20%
Robinson Test			heavy use

Packing

SIZE	PCS·SQM	PCS·BOX	SQM·BOX	BOX·PAL	KG·BOX	KG·PAL	SQM·PAL
30·30 cm	11,11	9	0,81	32	16,90	540,81	25,92
mix 30·30 cm	11,11	12	1,08	22	22,30	490,60	23,76
skirting 3,8·30 cm		20	6 ml		4,80		

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