

nicos international



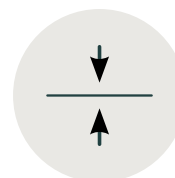
SOLID SURFACE

nicos international

MATERIALE / MATERIAL



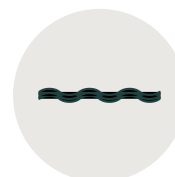
RESISTENTE AI PRODOTTI CHIMICI
RESISTANT TO CHEMICAL PRODUCTS



ULTRA SOTTILE (PIATTI DOCCIA LIBRA / NARA)
ULTRA-THIN (LIBRA / NARA SHOWER TRAYS)



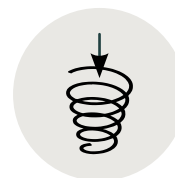
PERSONALIZZABILE
CUSTOMIZABLE



ANTISCIVOLO (PIATTI DOCCIA LIBRA / NARA)
ANTI-SLIP (LIBRA / NARA SHOWER TRAYS)



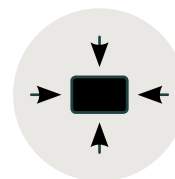
RIPARABILE
REPAIRABLE



SCARICO EFFICIENTE
EFFICIENT DRAIN



RESISTENTE ALLE VARIAZIONI DI LUCE
RESISTANT TO LIGHT VARIATIONS



FINITURA SU 4 LATI (PIATTI DOCCIA LIBRA)
FINISHING ON 4 SIDES (LIBRA / NARA SHOWER)



BATTERIOSTATICO
BACTERIOSTATIC

SOLID SURFACE

SOLID® è un materiale composito tecnologicamente avanzato ed unico, formato da un'alta percentuale di cariche minerali naturali ed una bassa percentuale di polimeri poliesteri ed acrilici di elevata purezza; è quindi un materiale inerte, ipoallergenico e non tossico.

SOLID® è il "solid surface 100% made in Italy", riciclabile al 100%, altamente resistente al fuoco, con un'ottima resistenza agli UV, compatto e non poroso, igienico, resistente e piacevole al tatto per la sua finitura vellutata simile alla pietra naturale.

SOLID® è ripristinabile al 100%, ciò vuol dire che può essere riportato all'aspetto originale con un semplice detersivo ed una spugna abrasiva, rimuovendo anche bruciature di sigarette. Le proprietà di durezza e ripristinabilità lo rendono quindi eco-compatibile.

SOLID® is a technologically advanced and unique composite material formed by a high percentage of natural mineral charges and a low percentage of polyester and acrylic polymers of high purity. It is thus an inert, hypoallergenic and non-toxic material.

SOLID® is a 100% Made in Italy solid-surface material, 100% recyclable, highly fire resistant, with excellent UV resistance properties, compact and non-porous, hygienic, durable and pleasant to the touch thanks to its velvety finish that is similar to natural stone.

SOLID® is 100% restorable, which means that it can be brought back to its original state by simply cleaning it with some detergent on an abrasive sponge, even removing cigarette burns. Its characteristics of durability and restorability make it an eco-compatible material.











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SOLID SURFACE

15





nicos international

SOLID SURFACE



TOP INTEGRATI IN SOLID / SOLID TOP WASHBASINS

L. 1

L. 2

D

P. 1

P. 2

P. Tot

A

B

L. Tot

L. 1

L. 2

L. Tot

P. 1

P. 2

P. Tot

Z1

LUNGHEZZA SINISTRA
LEFT LENGHT

LUNGHEZZA DESTRA
RIGHT LENGHT

LUNGHEZZA TOTALE
TOTAL LENGHT

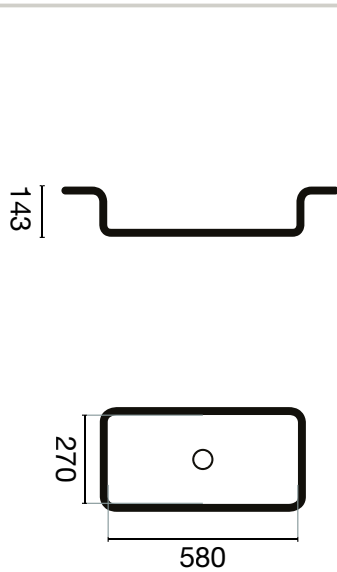
DISTANZA TRA PARETE E LA VASHETTA
DISTANCE BETWEEN WALL AND BOWL

DISTANZA TRA PARETE E IL FORO DI SCARICO
DISTANCE BETWEEN WALL AND DRAIN HOLE

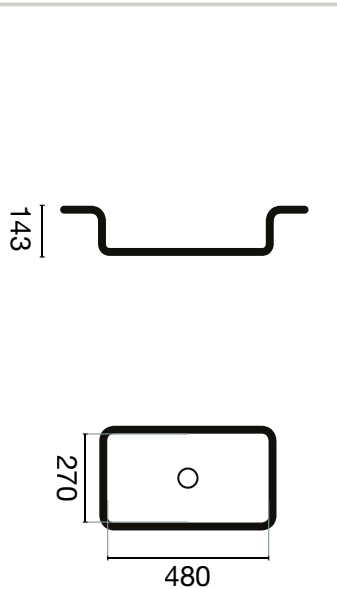
PROFONDITÀ TOTALE
DEPTH

INTERASSE FORO DI SCARICO TRA LE 2 VASHETTE
DISTANCE BETWEEN 2 DRAIN HOLES

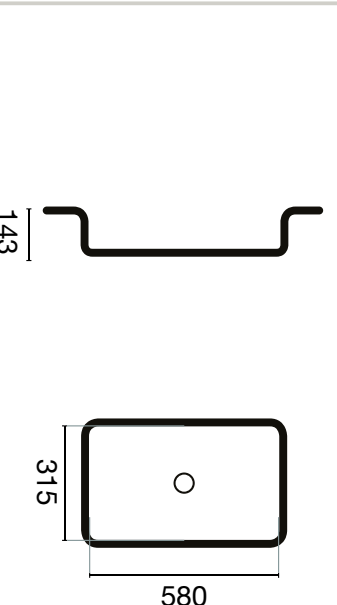
RECTO A



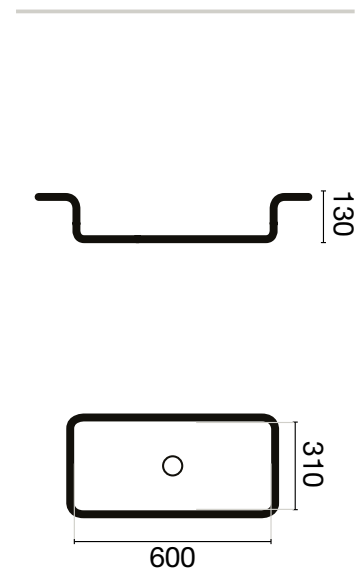
RECTO B



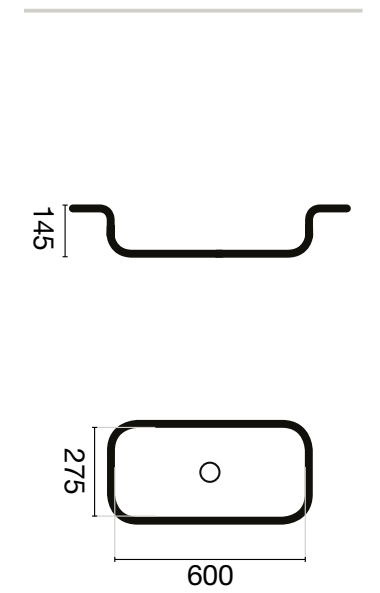
RECTO C



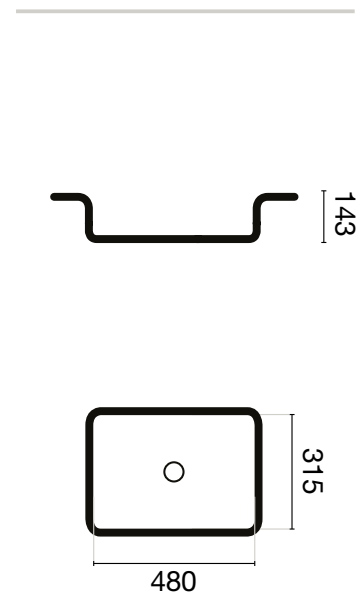
RECTO D



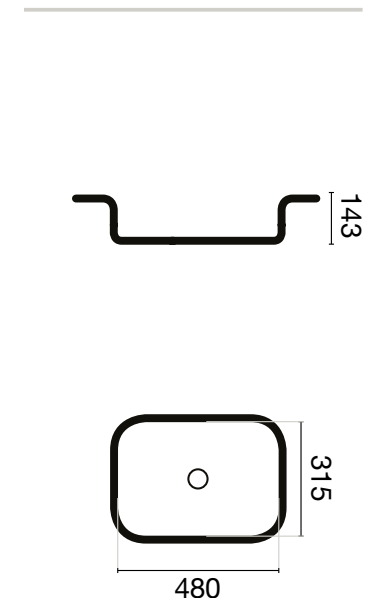
RADIO A



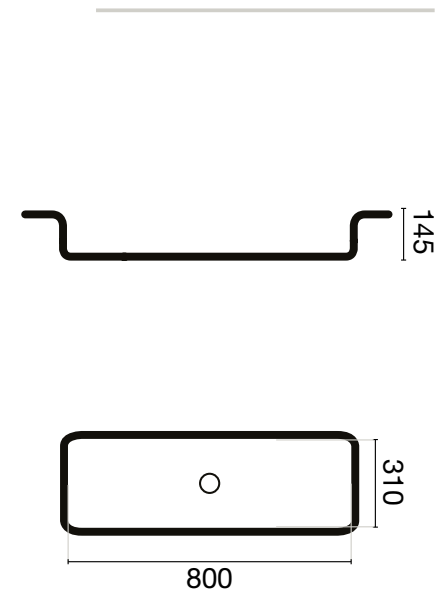
RECTO E



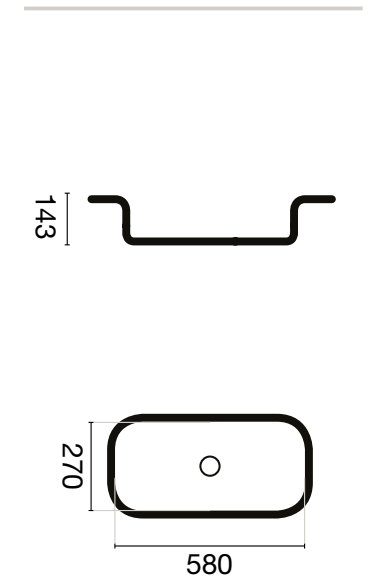
RADIO B



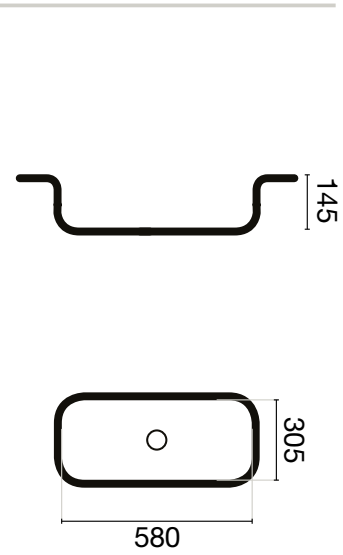
RECTO F



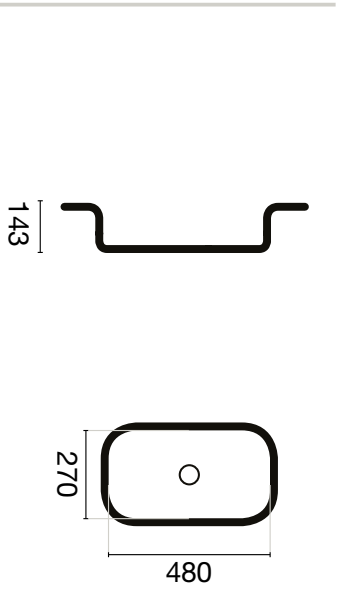
RADIO C



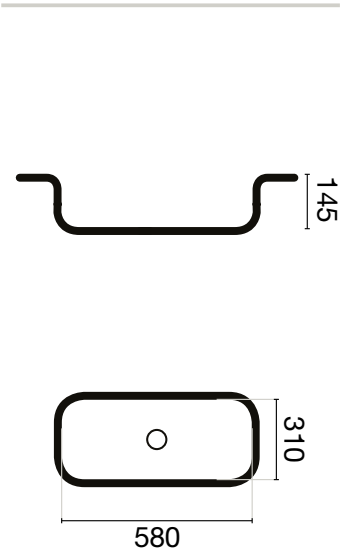
RADIO D



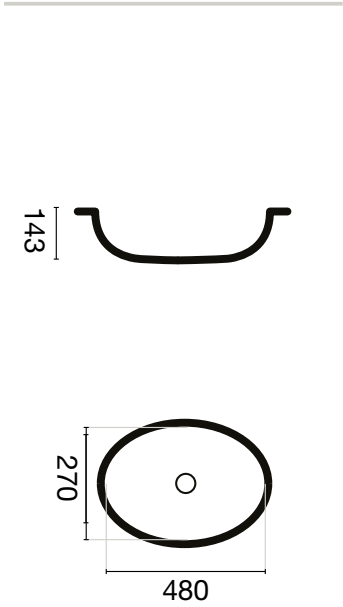
RADIO G



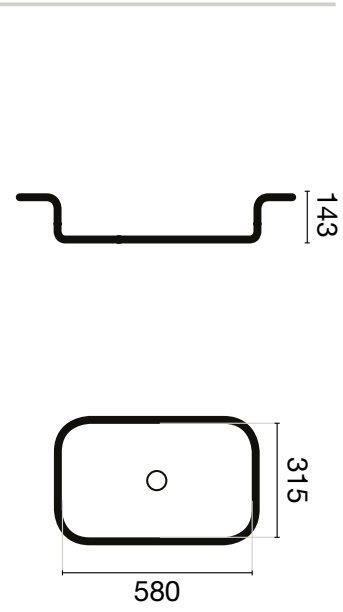
RADIO E



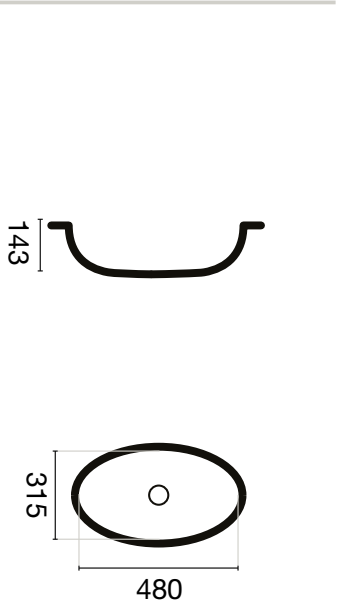
OVAL A



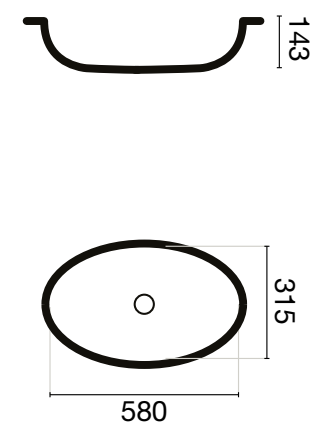
RADIO F



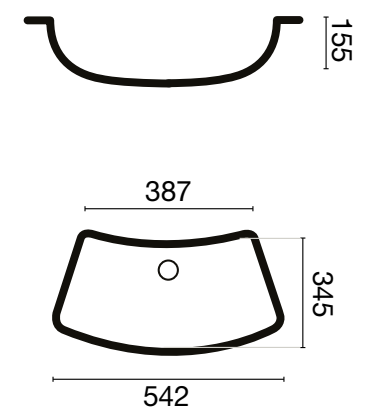
OVAL B



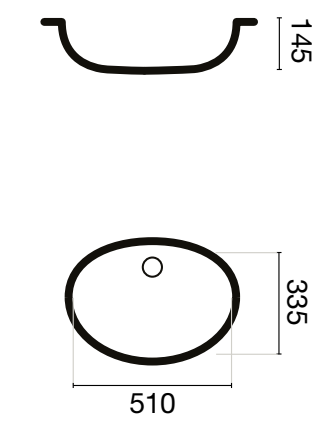
OVAL C



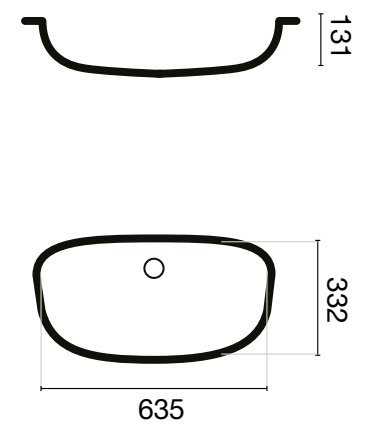
FORMA A



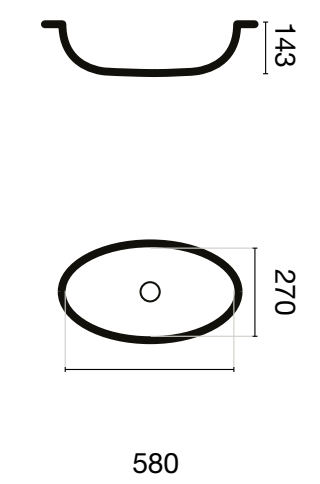
OVAL D



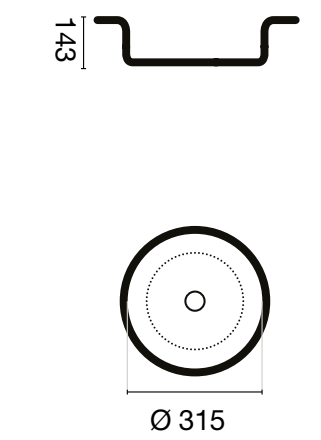
FORMA B



OVAL E



ROUND A



ACCESSORI TOP INTEGRATI IN SOLID / SOLID TOP WASHBASINS ACCESSORIES

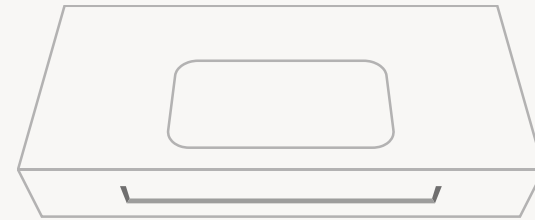
1



ALZATINA FINO A 10 CM / BACKSLASH TO 10 CM
BACKSLASH TO 10 CM / BACKSLASH FROM 10 TO 20 CM

P. 70 M/L
P. 135 M/L

2



FERITOIA PORTA SALVIETTA/ TOWEL CUT
DIM. 400X50 MM.

P. 75

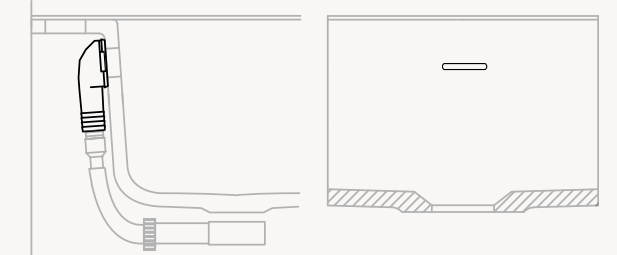
7



LAVORAZIONE CNC SAGOMATE
CNC WORKS

P. 60

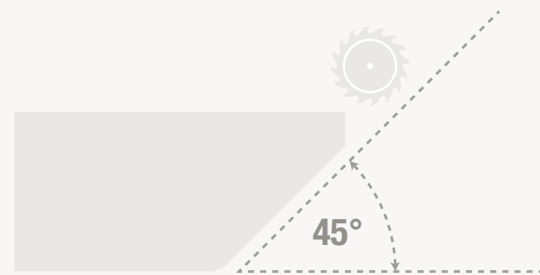
8



TROPPOPIENO A FERITOIA
CUT OVERFLOW

P. 62

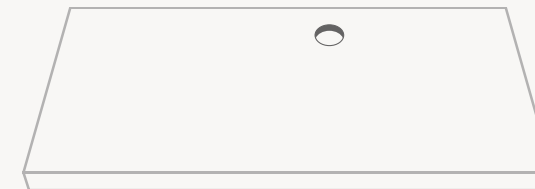
3



BORDO DEL TOP A 45°
45° TOP EDGE

P. 73 M/L

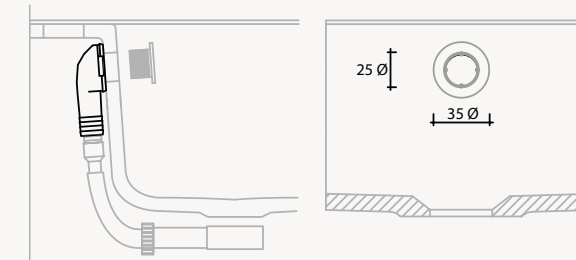
4



FORO RUBINETTO
TAP HOLE

P. 18

9



COD. EACC508

TROPPOPIENO ROTONDO CON GHIERA CROMATA
ROUND OVERFLOR WITH CHROME RING

P. 25

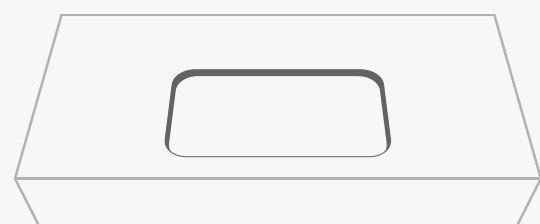
10



PILETTA CLICK-CLACK
CLICK CLACK DRAIN

P. 45

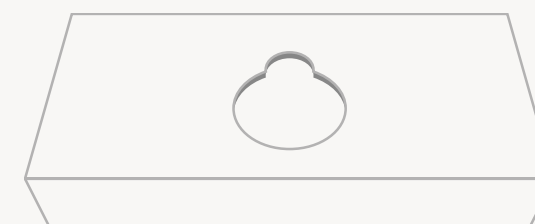
5



FORO PER LAVABO SEMINCASSO
HOLE FOR SEMI RECESSED WASH BASIN

P. 73

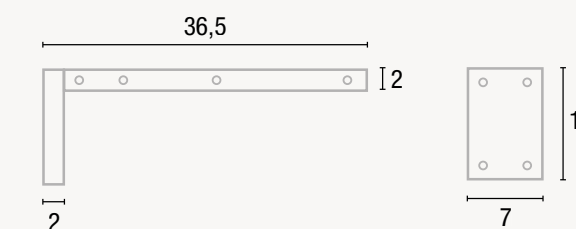
6



FORO PER LAVABO IN APPOGGIO
HOLE FOR FREESTANDING BASIN

P. 73

11

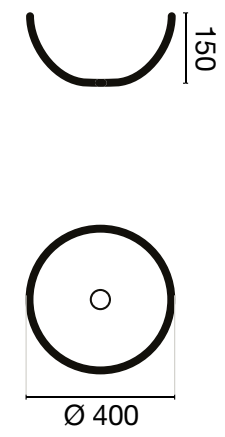


STAFFE DI SUPPORTO
BRACKETS

P. 45

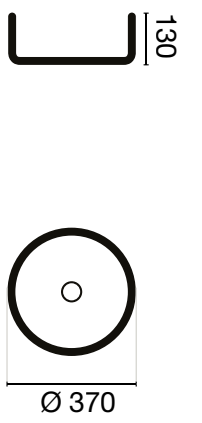
LAVABI D'APPOGGIO / SURFACE MOUNTED WASHBASINS

COSMOS ROUND



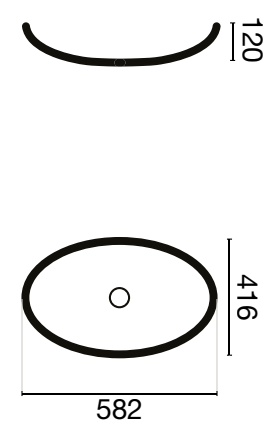
FINITURA OPACA - MATT FINISH

EIGHT ROUND



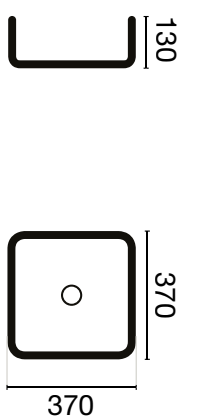
FINITURA OPACA - MATT FINISH

COSMOS OVAL



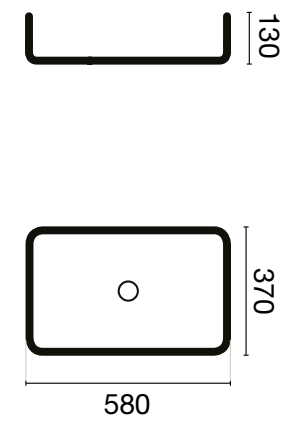
FINITURA OPACA - MATT FINISH

EIGHT SQUARE



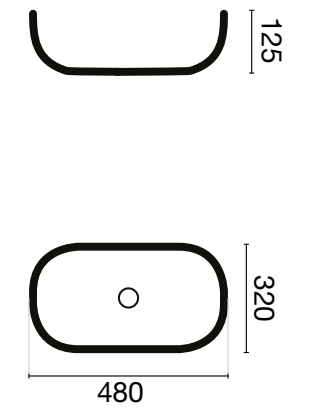
FINITURA OPACA - MATT FINISH

EIGHT RECTANGULAR



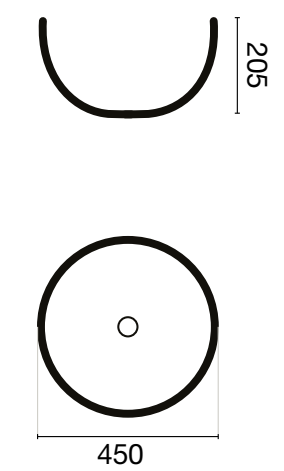
FINITURA OPACA - MATT FINISH

FIVE OVAL



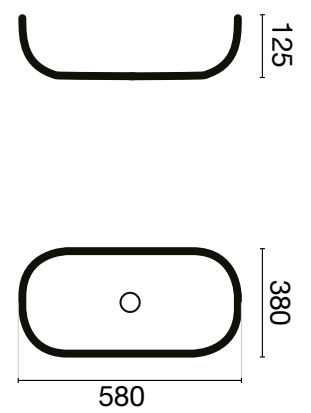
FINITURA OPACA - MATT FINISH

FIVE ROUND



FINITURA OPACA - MATT FINISH

FIVE RECTANGULAR



FINITURA OPACA - MATT FINISH

LAVABI A PAVIMENTO / FLOOR WASHBASINS

COLUMN ROUND



FINITURA OPACA - MATT FINISH

COLUMN ROUND AR

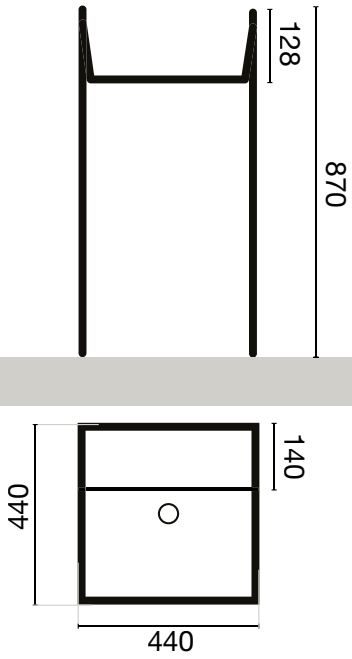
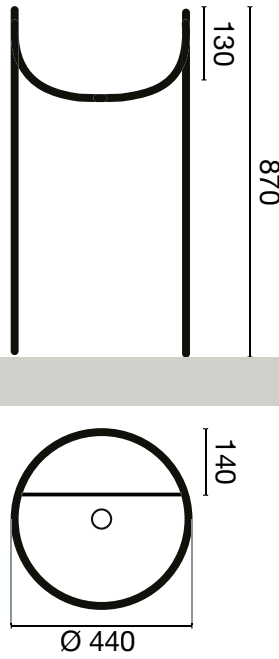
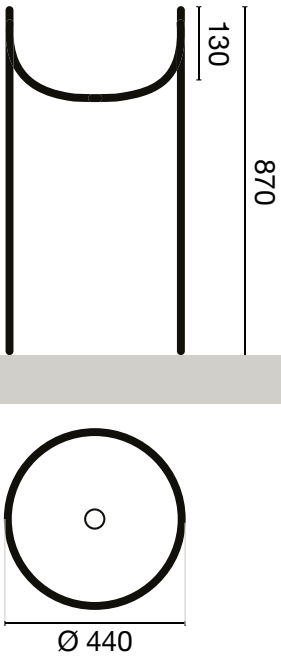


FINITURA OPACA - MATT FINISH

COLUMN SQUARE

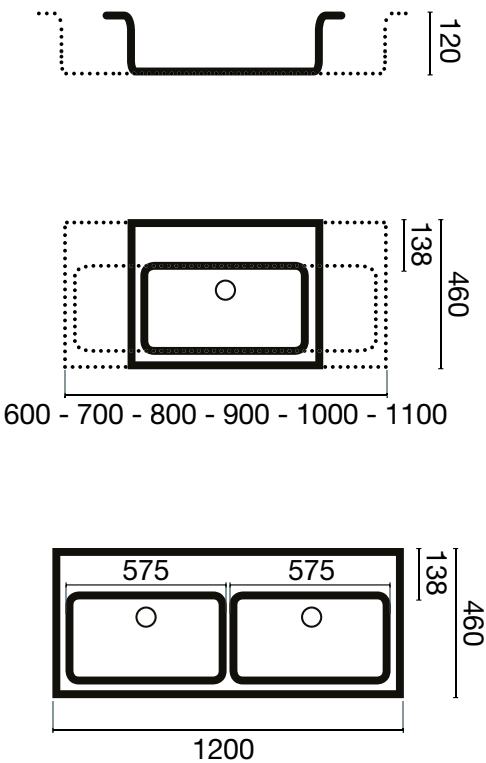


FINITURA OPACA - MATT FINISH

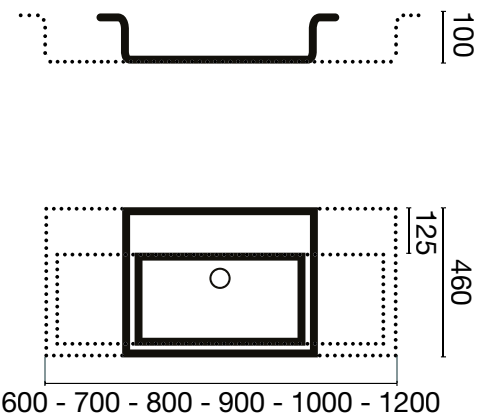


LAVABI SOSPESI E D'APPOGGIO / WALL-HUNG SURFACE MOUNTED WASHBASINS

SOFT

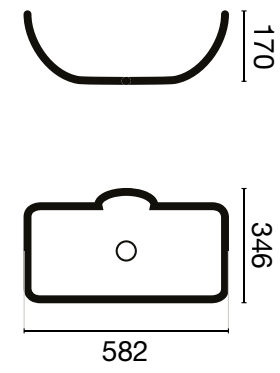


FIVE



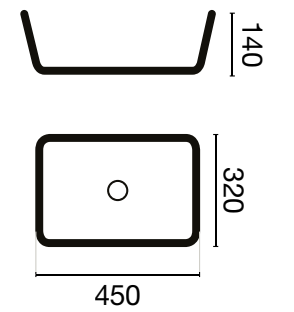
LAVABI SEMINCASSO / SEMI-RECESSED WASHBASINS

ROMO 58

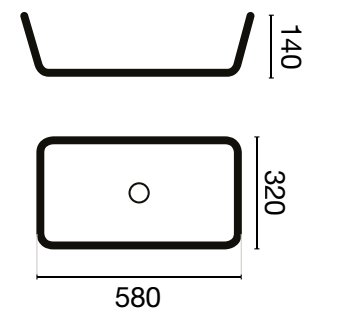


FINITURA OPACA - MATT FINISH

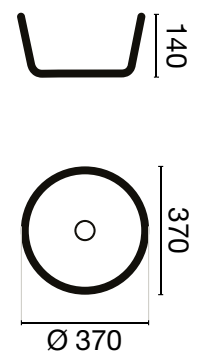
EIGHT 45 / EIGHT 58



FINITURA OPACA - MATT FINISH

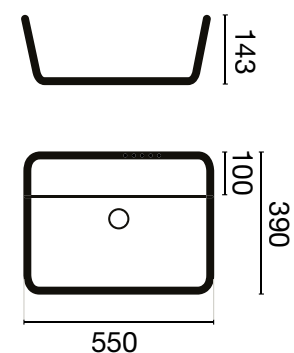


EIGHT 37

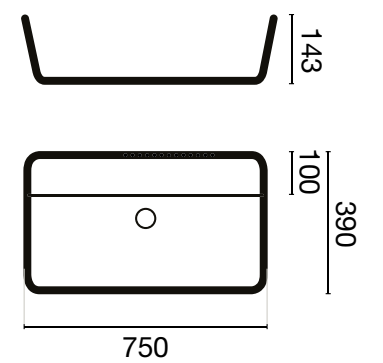


FINITURA OPACA - MATT FINISH

ROMO 55_AR / ROMO 75_AR



FINITURA OPACA - MATT FINISH





nicos international

SOLID SURFACES



VASCA FREESTANDING / FREESTANDING BATHTUB



VASCA FREESTANDING / FREESTANDING BATHTUB



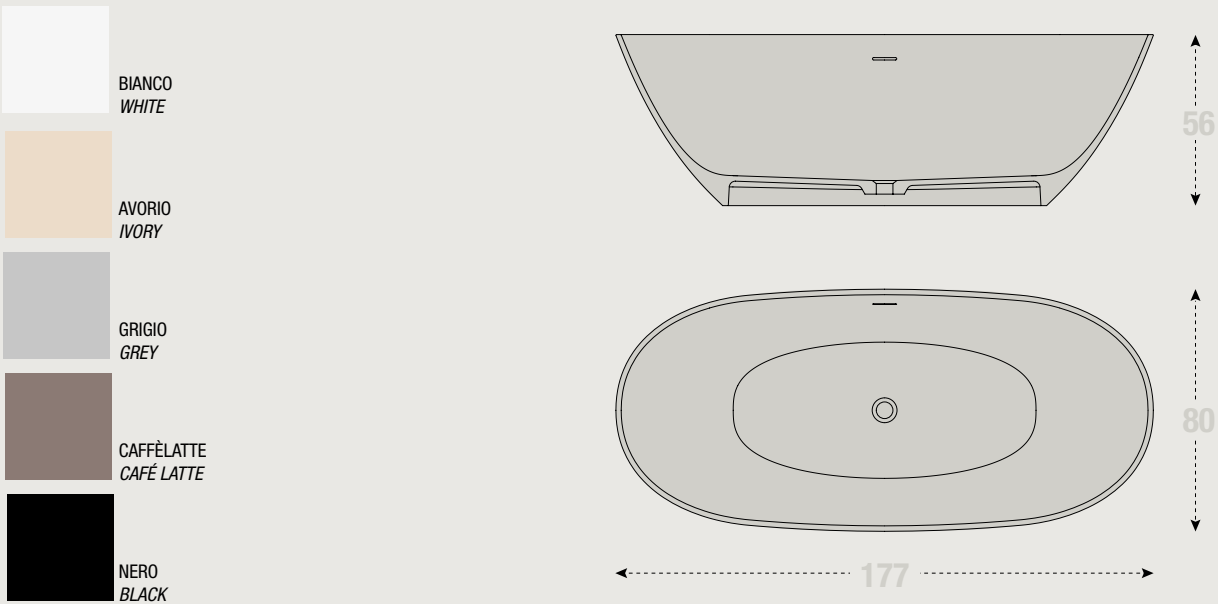
APIUM

COD VS1778056

FINITURA OPACA - MATT FINISH

DIMENSIONI - DIMENSIONS

CAPACITÀ IN LITRI - LITER CAPACITY



318

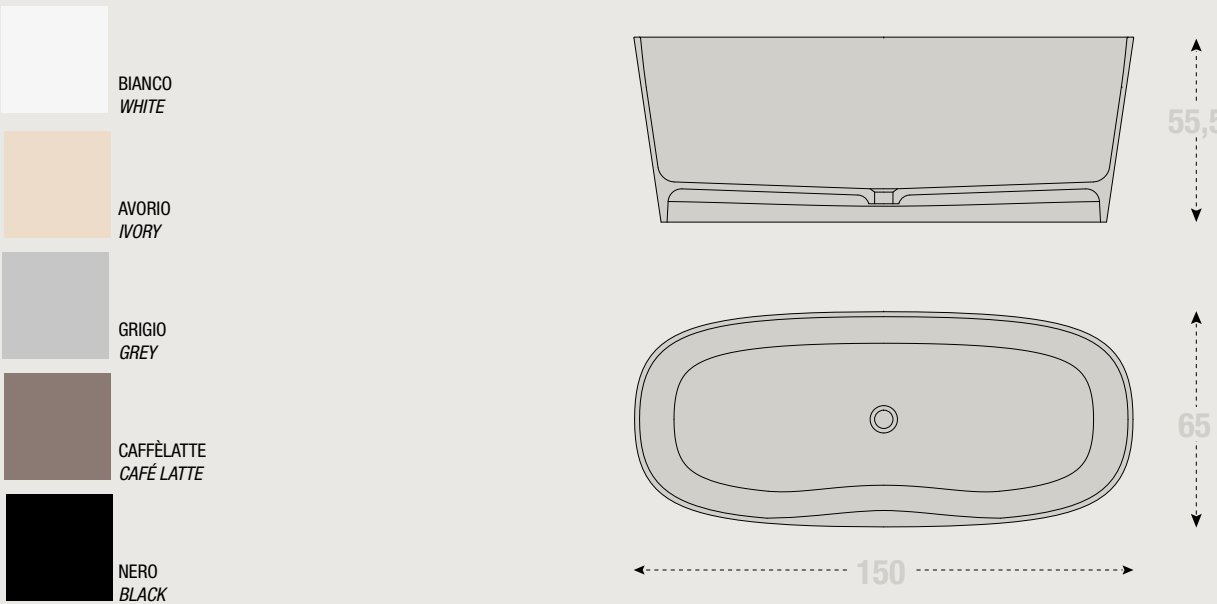
HOLIS

COD VS1506555

FINITURA OPACA - MATT FINISH

DIMENSIONI - DIMENSIONS

CAPACITÀ IN LITRI - LITER CAPACITY



250

VASCA FREESTANDING / FREESTANDING BATHTUB



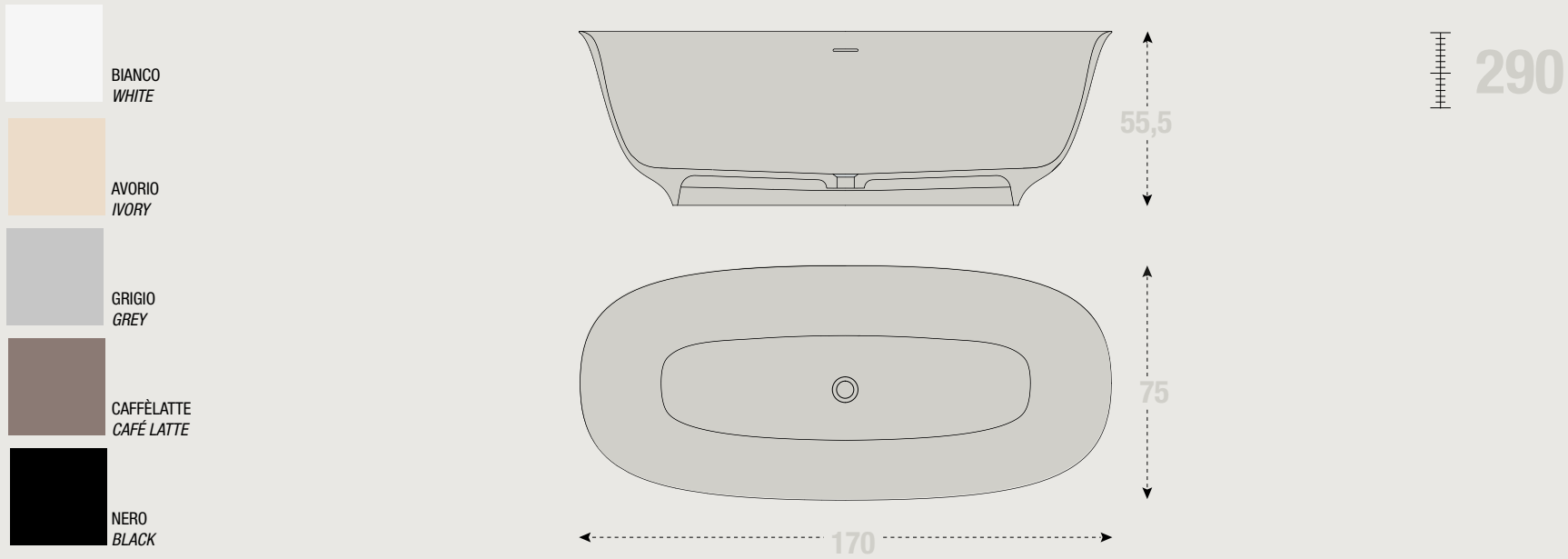
LIKO

COD.VS1707500

FINITURA OPACA - MATT FINISH

DIMENSIONI - DIMENSIONS

CAPACITÀ IN LITRI - LITER CAPACITY



VASCA FREESTANDING / FREESTANDING BATHTUB



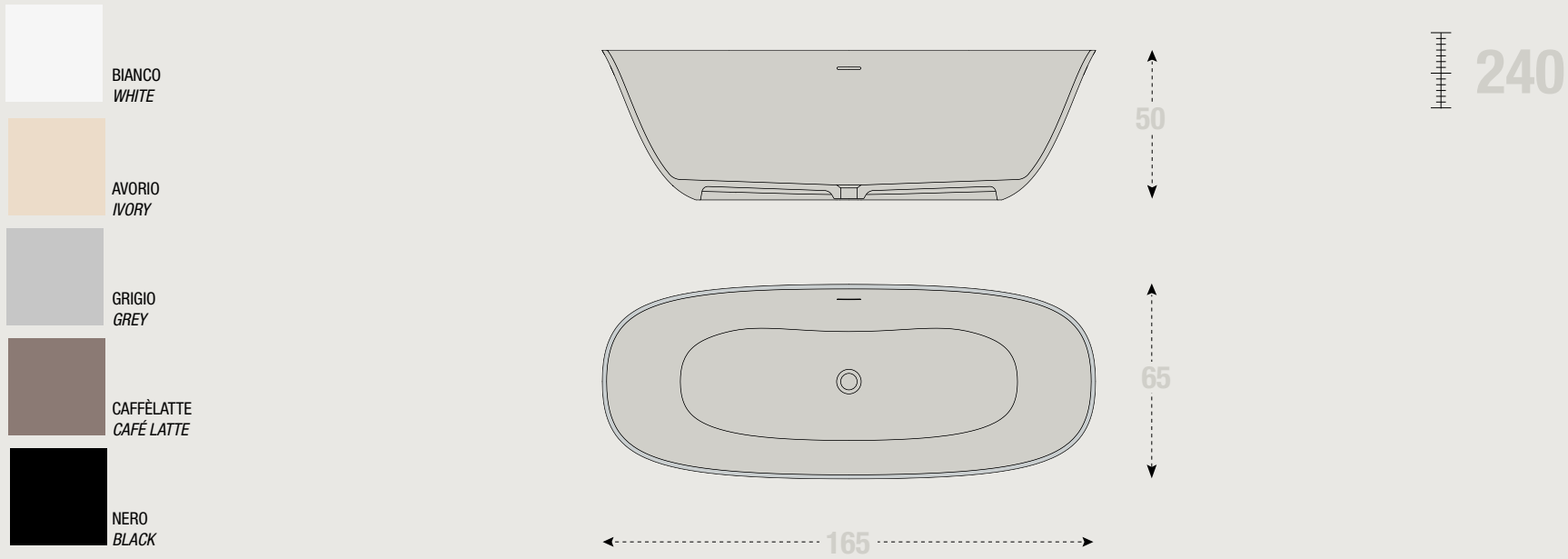
THALIA

COD.VS1656550

FINITURA OPACA - MATT FINISH

DIMENSIONI - DIMENSIONS

CAPACITÀ IN LITRI - LITER CAPACITY



VASCA FREESTANDING / FREESTANDING BATHTUB



VASCA FREESTANDING / FREESTANDING BATHTUB



LILY

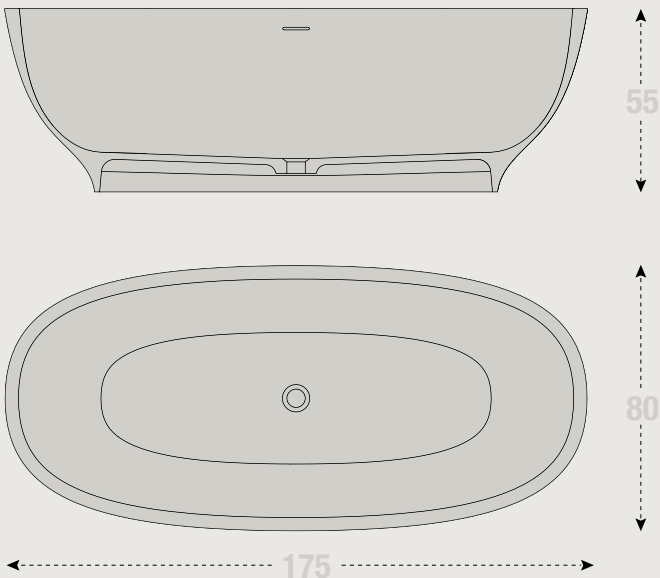
COD.VS1758055

FINITURA OPACA - MATT FINISH

DIMENSIONI - DIMENSIONS

CAPACITÀ IN LITRI - LITER CAPACITY

- BIANCO
WHITE
- AVORIO
IVORY
- GRIGIO
GREY
- CAFFÈ LATTE
CAFÉ LATTE
- NERO
BLACK



315

LOTO

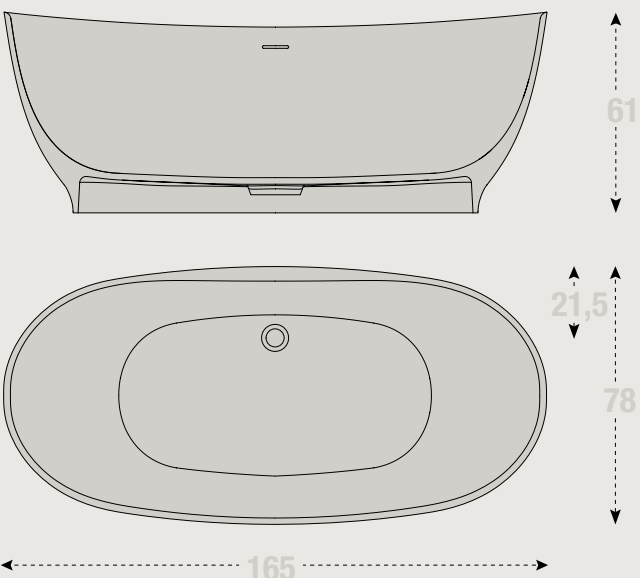
COD.VS1657861

FINITURA OPACA - MATT FINISH

DIMENSIONI - DIMENSIONS

CAPACITÀ IN LITRI - LITER CAPACITY

- BIANCO
WHITE
- AVORIO
IVORY
- GRIGIO
GREY
- CAFFÈ LATTE
CAFÉ LATTE
- NERO
BLACK



310

VASCA FREESTANDING / FREESTANDING BATHTUB



VASCA FREESTANDING / FREESTANDING BATHTUB



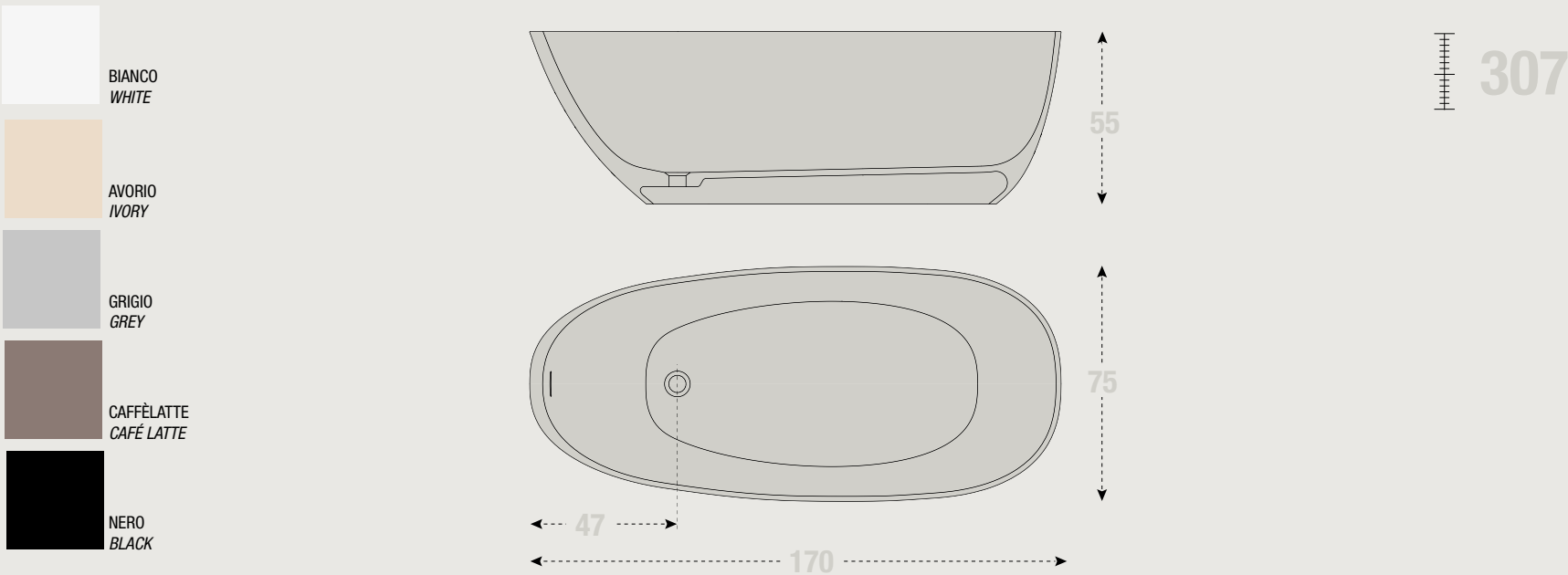
JAVA

COD.VS1707555

FINITURA OPACA - MATT FINISH

DIMENSIONI - DIMENSIONS

CAPACITÀ IN LITRI - LITER CAPACITY



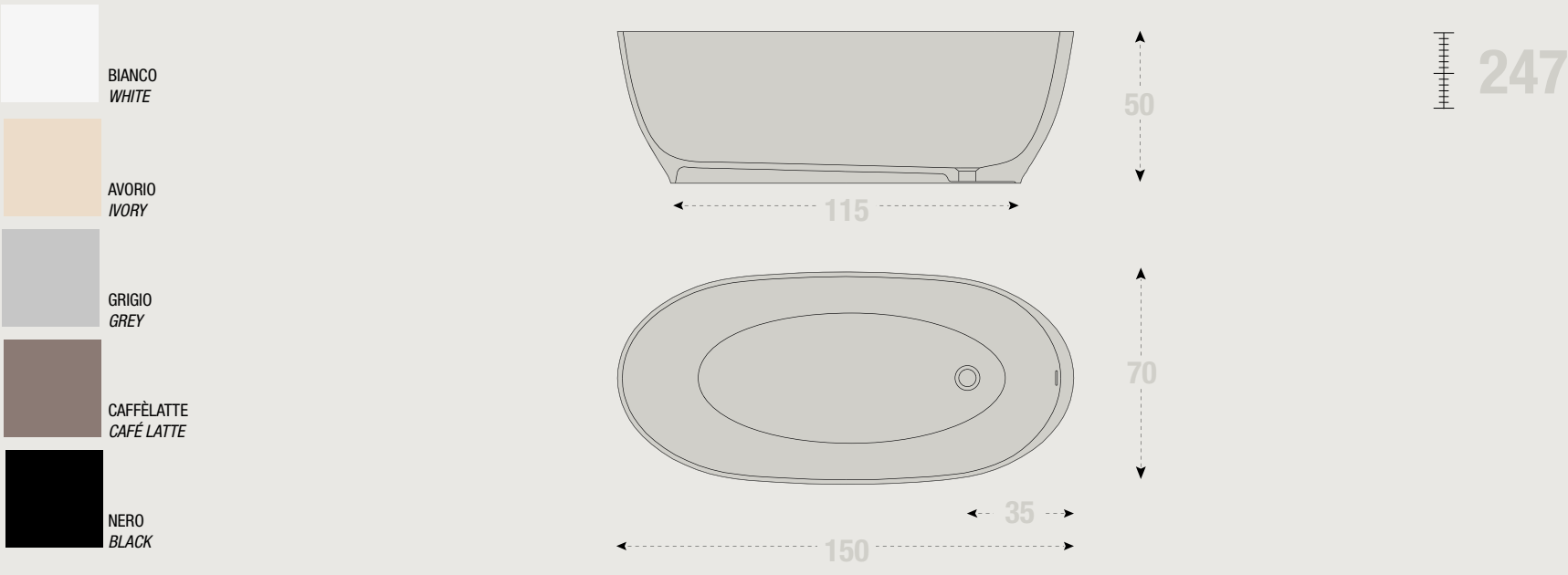
LUTEA

COD.VS1507050

FINITURA OPACA - MATT FINISH

DIMENSIONI - DIMENSIONS

CAPACITÀ IN LITRI - LITER CAPACITY



VASCA FREESTANDING / FREESTANDING BATHTUB



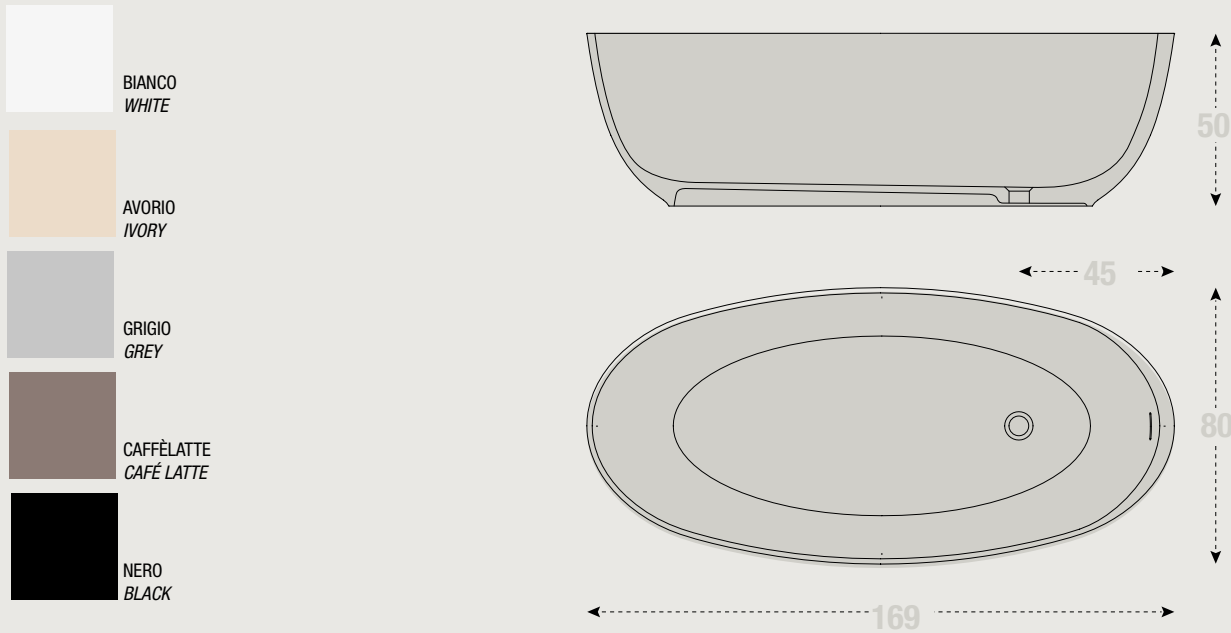
ELODY

COD.VS1698050

FINITURA OPACA - MATT FINISH

DIMENSIONI - DIMENSIONS

CAPACITÀ IN LITRI - LITER CAPACITY



VASCA FREESTANDING / FREESTANDING BATHTUB



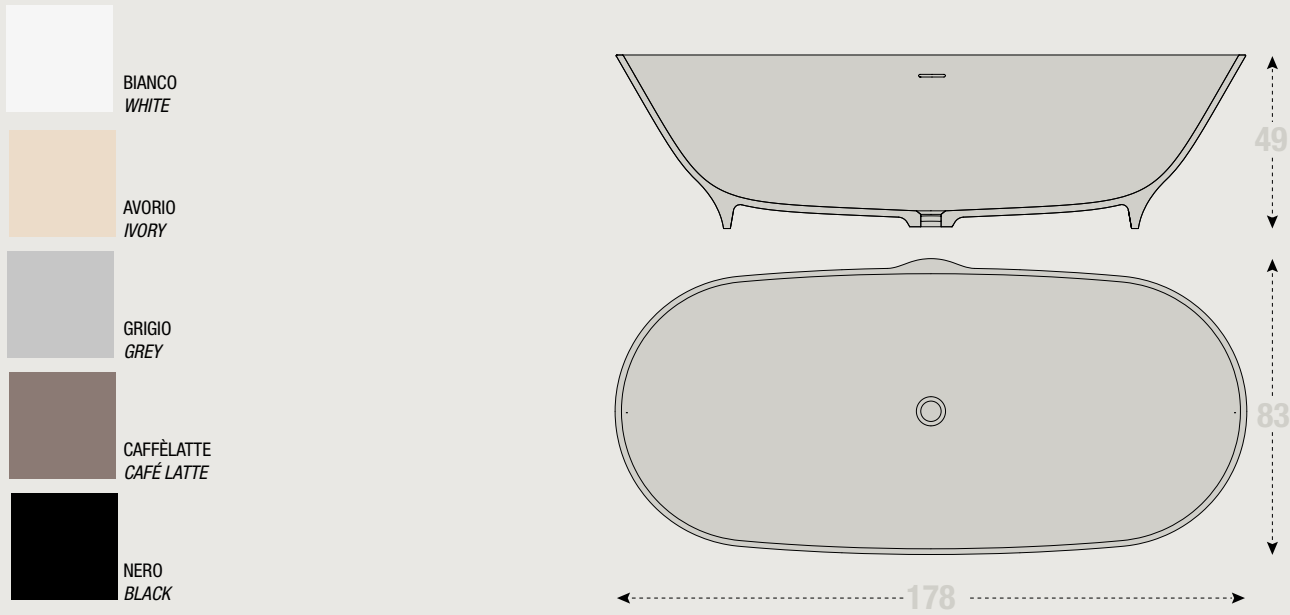
BELIA

COD.VS1788349

FINITURA OPACA - MATT FINISH

DIMENSIONI - DIMENSIONS

CAPACITÀ IN LITRI - LITER CAPACITY



VASCA FREESTANDING / FREESTANDING BATHTUB



MINEA

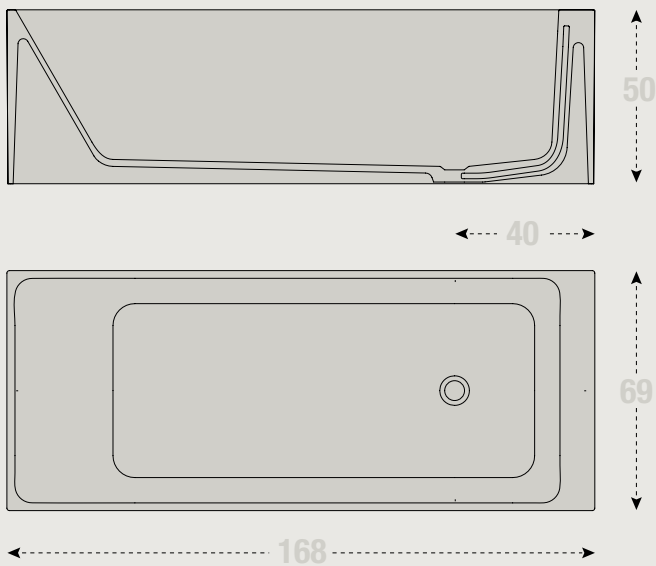
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FINITURA OPACA - MATT FINISH

DIMENSIONI - DIMENSIONS

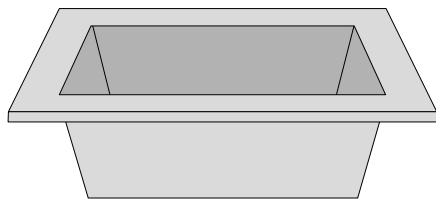
CAPACITÀ IN LITRI - LITER CAPACITY

- BIANCO
WHITE
- AVORIO
IVORY
- GRIGIO
GREY
- CAFFÈ LATTE
CAFÉ LATTE
- NERO
BLACK



310

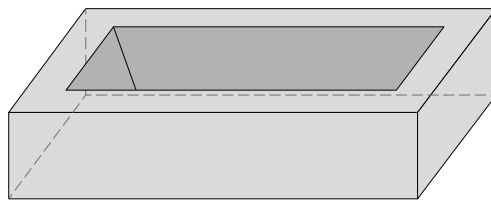
VASCHE A MISURA / BESPOKE BATHTUBS



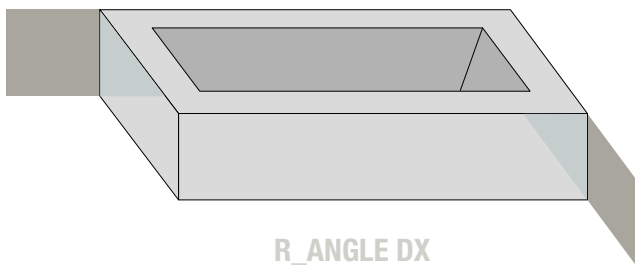
R_BASICA
VMR000BI



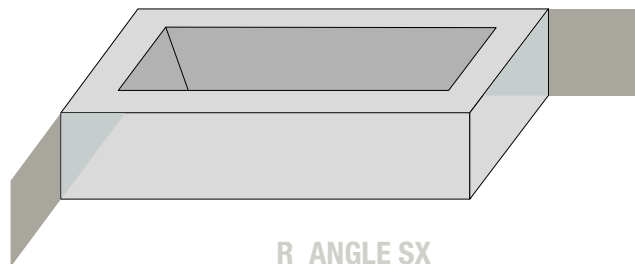
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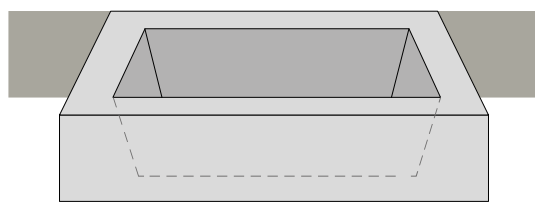
R_BOXED
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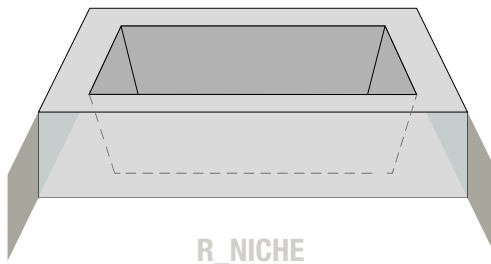
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R_ANGLE SX
VMR000ANSX



R_WALL
VMR000WA

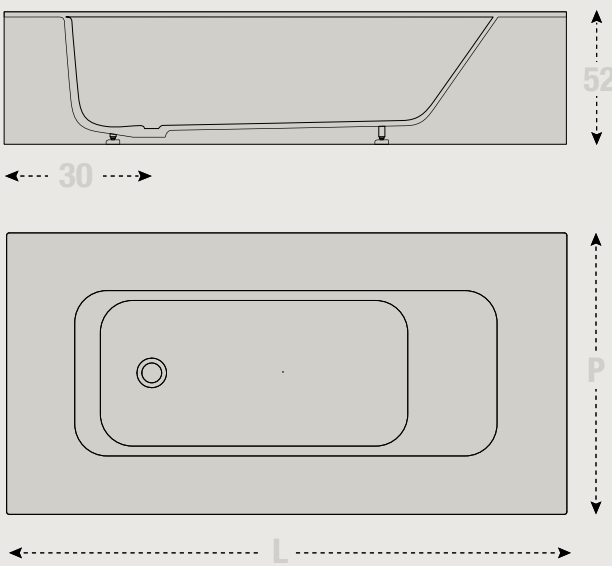


R_NICHE
VMR000NI

FINITURA OPACA - MATT FINISH

DIMENSIONI - DIMENSIONS

- BIANCO
WHITE
- AVORIO
IVORY
- GRIGIO
GREY
- CAFFÈ LATTE
CAFÉ LATTE
- NERO
BLACK



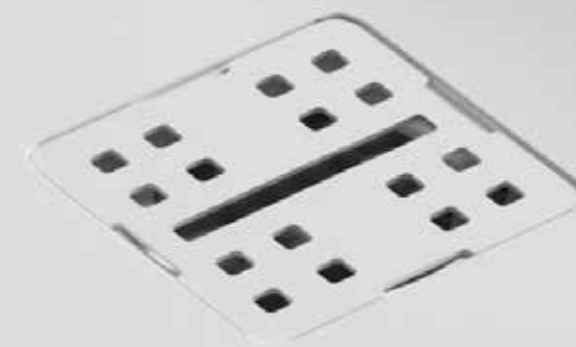
CAPACITÀ IN LITRI - LITER CAPACITY

310

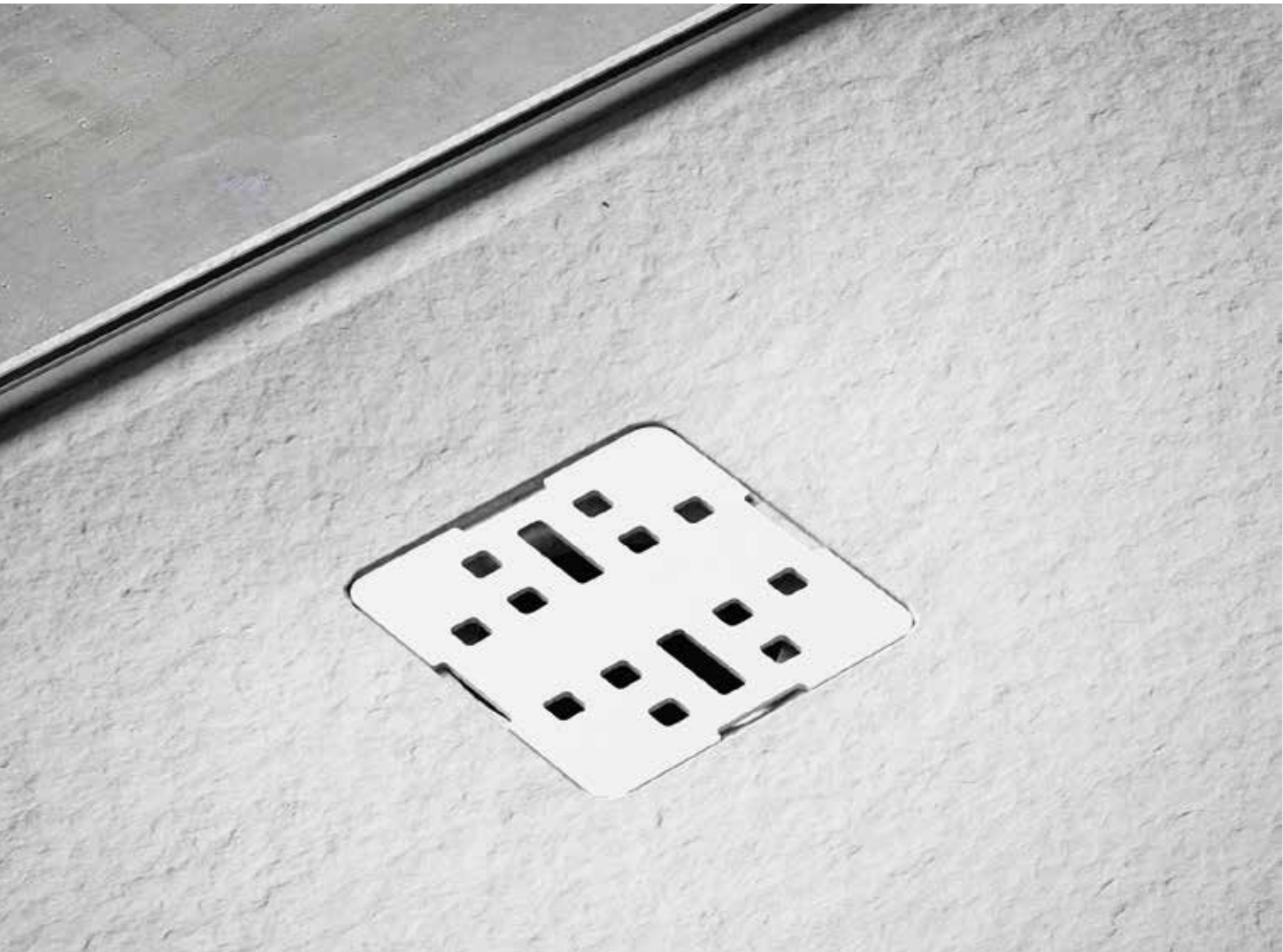


nicos international

SOLID SURFACE



FINITURA PIETRA - STONE FINISHING

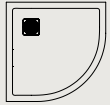
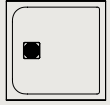
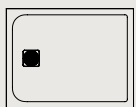


LIBRA

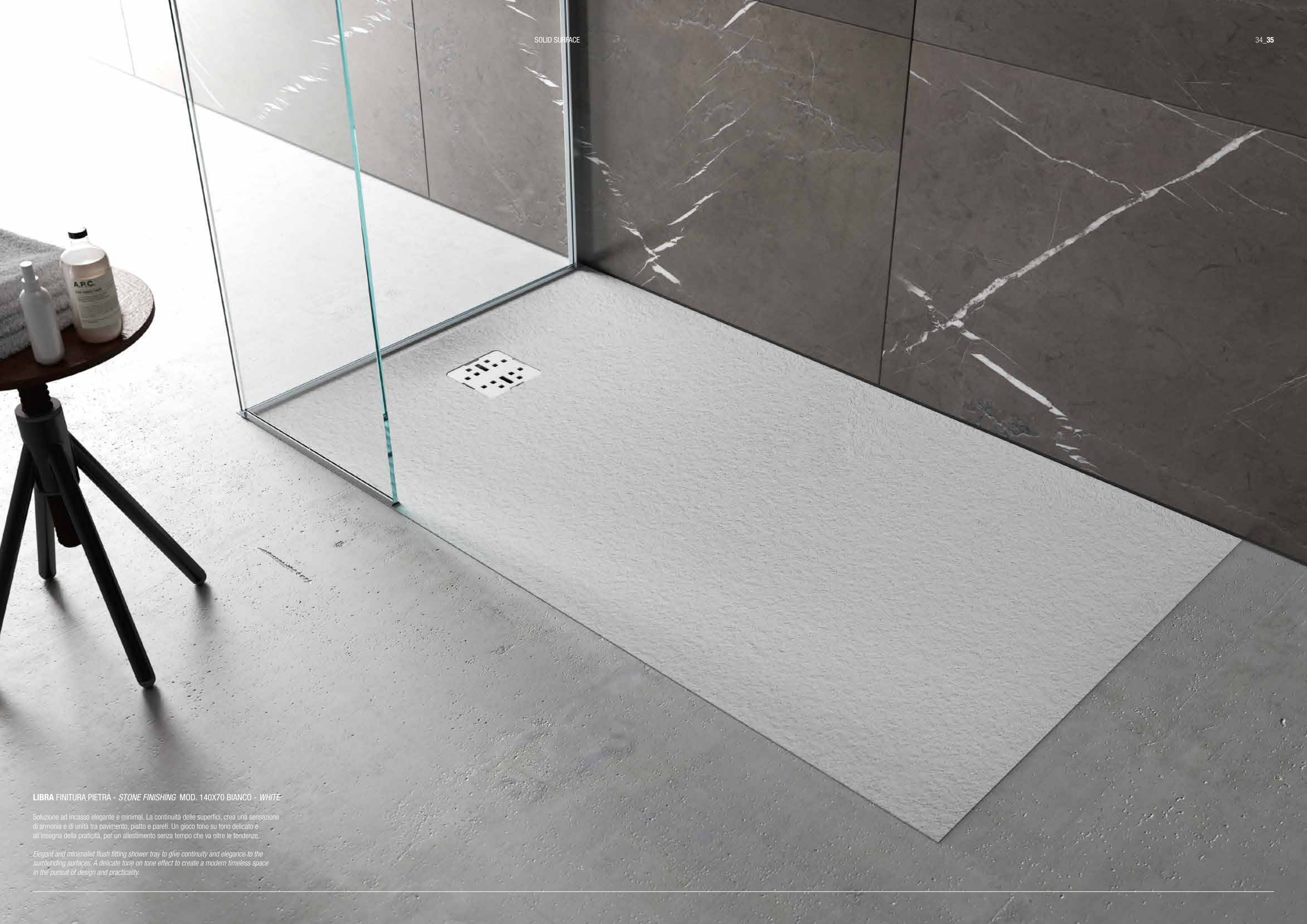
Nella foto soluzione a filo pavimento in pietra bianca, ampia, confortevole e rilassante. La texture garantisce una piacevole sensazione tattile e massaggiante e costituisce un ottimo rivestimento antiscivolo. È modellata in modo da evitare il ristagno dell'acqua, permettendole di confluire immediatamente nello scarico ispezionabile, con copripiletta in acciaio inox brillantato verniciato nello stesso colore.

In this picture: white stone flush fitting shower tray, comfortable and relaxing. Anti-slip texture for a pleasant tactile sensation. Auto purge facility available to avoid water stagnation. Stainless steel shower drain cover in the same colour.



DISPONIBILITÀ FINITURA PIETRA - AVAILABILITIES STONE FINISHING				
				
BIANCO WHITE	AVORIO IVORY	GRIGIO GREY	CAFFÈ LATTE CAFÉ LATTE	NERO BLACK
	70	80	90	100
	—	80 ANG	90 ANG	100 ANG
	—	80 x 80	90 x 90	100 x 100
	70 x 90 70 x 100 70 x 120 70 x 140 70 x 160	80 x 100 80 x 120 80 x 140 80 x 160	90 x 100 90 x 120 90 x 140 90 x 160	100 x 120 100 x 140 100 x 160
	70 X 170 70 X 180	80 X 170 80 X 180	90 X 170 90 X 180	100 X 170 100 X 180 100 X 200





LIBRA FINITURA PIETRA - *STONE FINISHING* MOD. 140X70 BIANCO - *WHITE*

Soluzione ad incasso elegante e minimal. La continuità delle superfici, crea una sensazione di armonia e di unità tra pavimento, piatto e pareti. Un gioco tono su tono delicato e all'insegna della praticità, per un allestimento senza tempo che va oltre le tendenze.

Elegant and minimalist flush fitting shower tray to give continuity and elegance to the surrounding surfaces. A delicate tone on tone effect to create a modern timeless space in the pursuit of design and practicality.



LIBRA FINITURA PIETRA - STONE FINISHING MOD. 90X90 GRIGIO - GREY

Soluzione quadrata in appoggio. Il colore grigio mostra tutto il fascino e la porosità della pietra, con una semplice ed efficace installazione tra parete e lato box in cristallo.

Square free standing shower tray. Grey coloured stone to better show its porosity. Easy to install between the wall and the crystal shower enclosure.



LIBRA FINITURA PIETRA - *STONE FINISHING* MOD. 100X140 SAGOMATO - *SHAPED* NERO - *BLACK*

Soluzione rettangolare ad incasso nera, sagomata seguendo la colonna. Atmosfera sempre rigorosa ed essenziale, in contrasto con i toni chiari della parete e del pavimento. Perfetta per abbinamenti in case classiche o moderne.

Black rectangular flush fitting shower tray with special cutting. The contrast with the light floor and the walls create an essential and minimalist atmosphere that works well with both modern and traditional bathroom design.

LIBRA FINITURA PIETRA - *STONE FINISHING* MOD. 70X100 AVORIO - *IVORY*

LIBRA in versione avorio. La forma rettangolare espande il comfort rispettando gli spazi dell'ambiente. La immaginiamo in una spa o in un centro benessere, dove spicca in appoggio su un listone rustico racchiusa in un angolo di pareti in cristallo.

LIBRA, Ivory version. The rectangular shape creates a large, continuous area in the bathroom. Ideal solution for spa or wellness centres, it free stands on a rustic plank flooring surrounded by crystal shower corner wall panels.

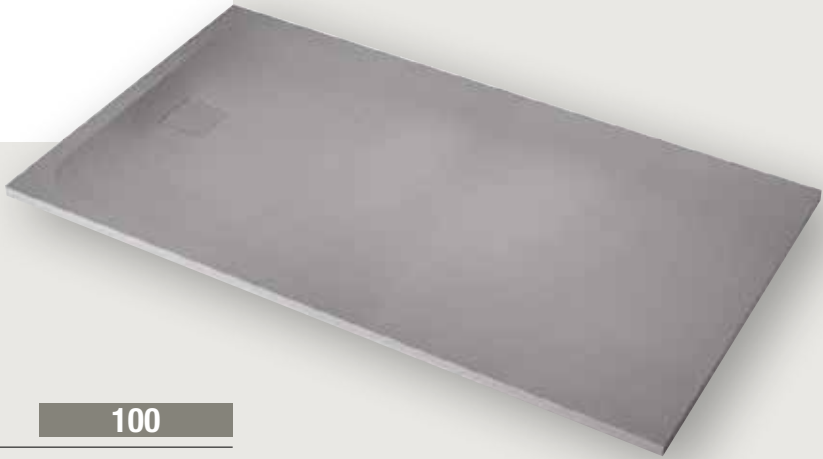
FINITURA CEMENTO - CEMENT FINISHING



LIBRA

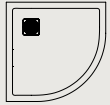
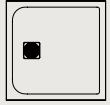
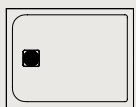
Ecco un esempio di finitura cemento colore grigio. Molto particolare con superfici grezze che continuano sulle pareti; per gusti più "ruvidi", industriali. Ideale per un loft, in un attico moderno con un bel terrazzo luminoso o in ambienti in cui possano trovare armonia scelte più radicali e piene di personalità.

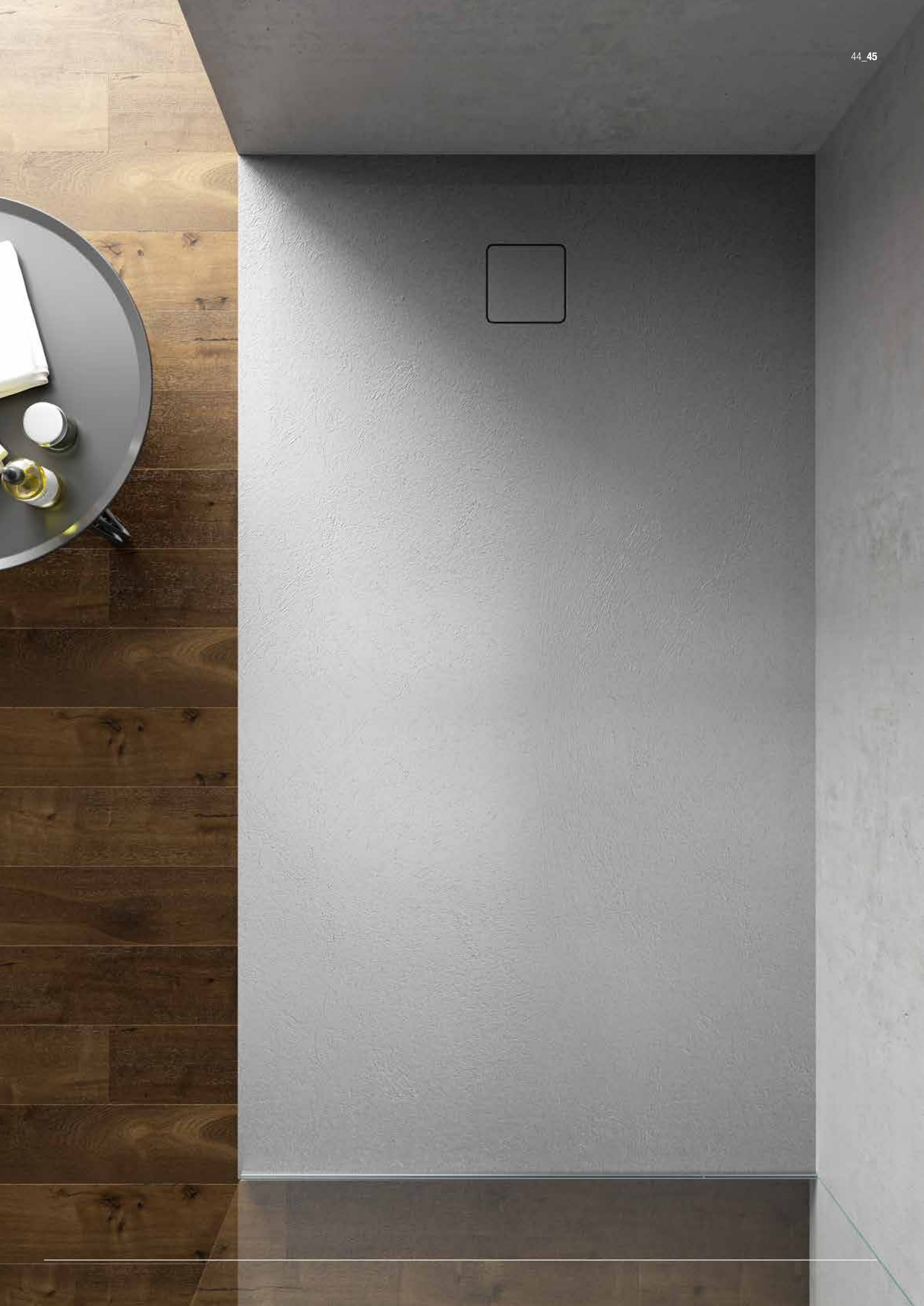
Grey cement shower tray. Unusual rough surfaces which continue on the walls. Ideal solution for a loft or industrial-type open spaces where you can express yourself and your most radical choices.



DISPONIBILITÀ FINITURA CEMENTO - AVAILABILITIES CEMENT FINISHING

GRIGIO
GREY

	70	80	90	100
	—	—	—	—
	—	80 x 80	90 x 90	100 x 100
	70 x 90 70 x 100 70 x 120 70 x 140	80 x 100 80 x 120 80 x 140 80 x 160	90 x 100 90 x 120 90 x 140 90 x 160	100 x 120
	70 X 170	80 X 170 80 X 180	90 X 170 90 X 180	—



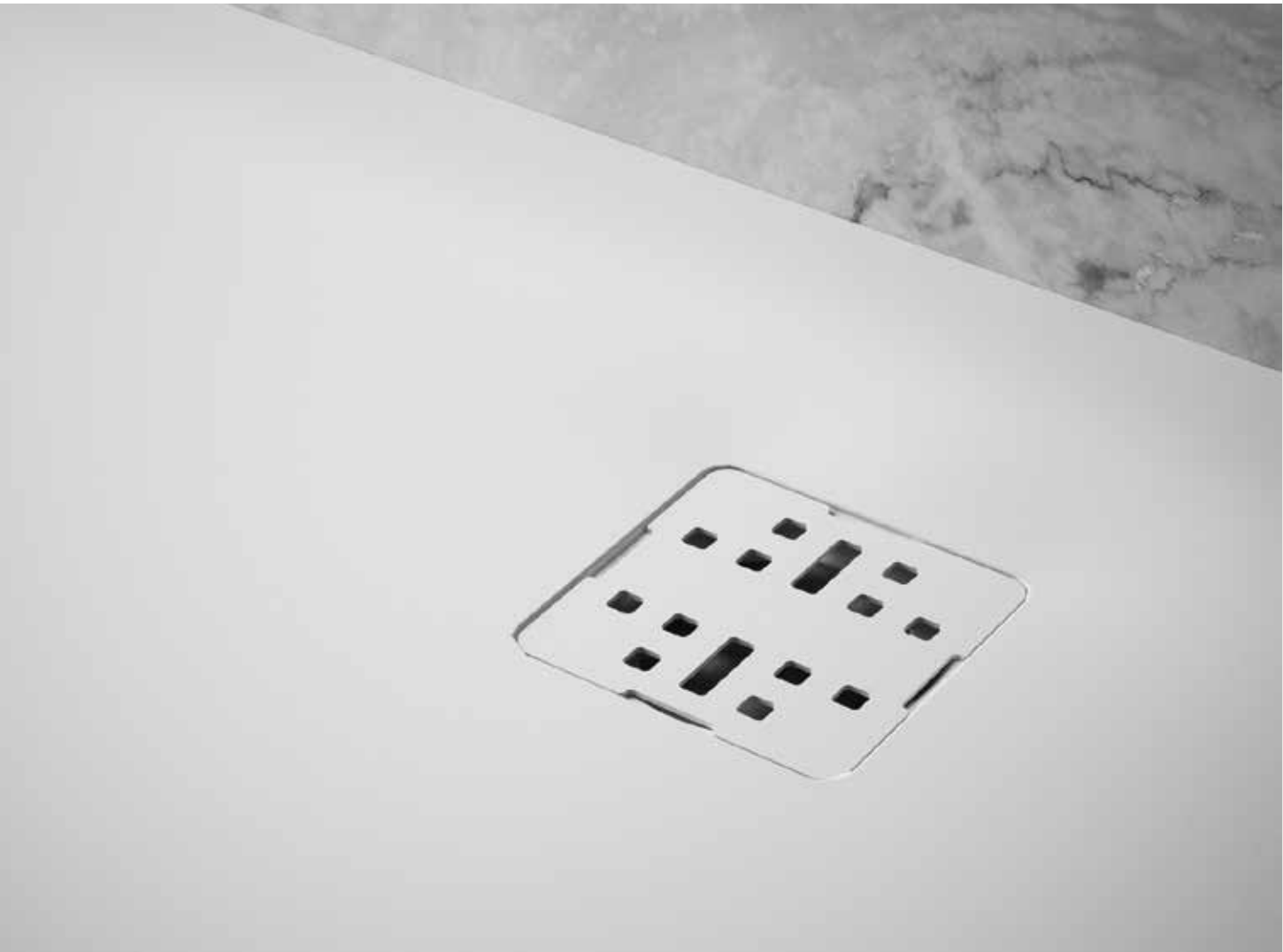


LIBRA FINITURA CEMENTO - CEMENT FINISHING MOD. 90X160 GRIGIO - GREY

Questa visuale dà risalto all'allestimento in appoggio che stacca, in modo deciso, dal parquet pregiato per salire a parete. Un solo vetro lascia tutto aperto e ben in vista. Interessante la convivenza tra calore naturale del legno ed un'estetica più cruda da officina.

Profile view of free standing shower tray which continue on the walls in contrast with the precious wooden floor. One glass panel wide open. It's an interesting combination between the natural warmth of the wooden floor and the raw industrial design.

FINITURA LISCIA - SMOOTH FINISHING



LIBRA

La finitura liscia, bianca, è delicata, elegante, comoda e versatile. In abbinamento perfetto con tutti i tipi di superfici e di pavimenti offre una piacevolissima sensazione tattile di igiene e pulizia, con ampie possibilità di personalizzazioni.

White smooth shower tray; delicate, elegant, comfortable and versatile. Fitting with all kind of surfaces and floors it offers a pleasant tactile sensation. It is available in a wide range of personalized solutions.



DISPONIBILITÀ FINITURA LISCIA - AVAILABILITIES SMOOTH FINISHING



BIANCO
WHITE

	70	80	90	100
	–	80 ANG	90 ANG	100 ANG
	–	80 x 80	90 x 90	100 x 100
	70 x 90 70 x 100 70 x 120 70 x 140 70 x 160	80 x 100 80 x 120 80 x 140 80 x 160	90 x 100 90 x 120 90 x 140 90 x 160	100 x 120 100 x 140 100 x 160
	70 x 170	80 x 180	90 x 180	–





SOLID SURFACE

50_51

LIBRA FINITURA LISCIA - *SMOOTH FINISHING* MOD. 90X180 A MISURA-CUSTOMIZED SIZE BIANCO - *WHITE*

Visuale alzata sul piatto doccia liscio. Tono su tono con la parete marmorizzata e perfetto abbinamento con pavimento in resina. Concept moderno, elegante ed essenziale che si adatta ad atmosfere lussuose, vintage anni '70, o di modernariato.

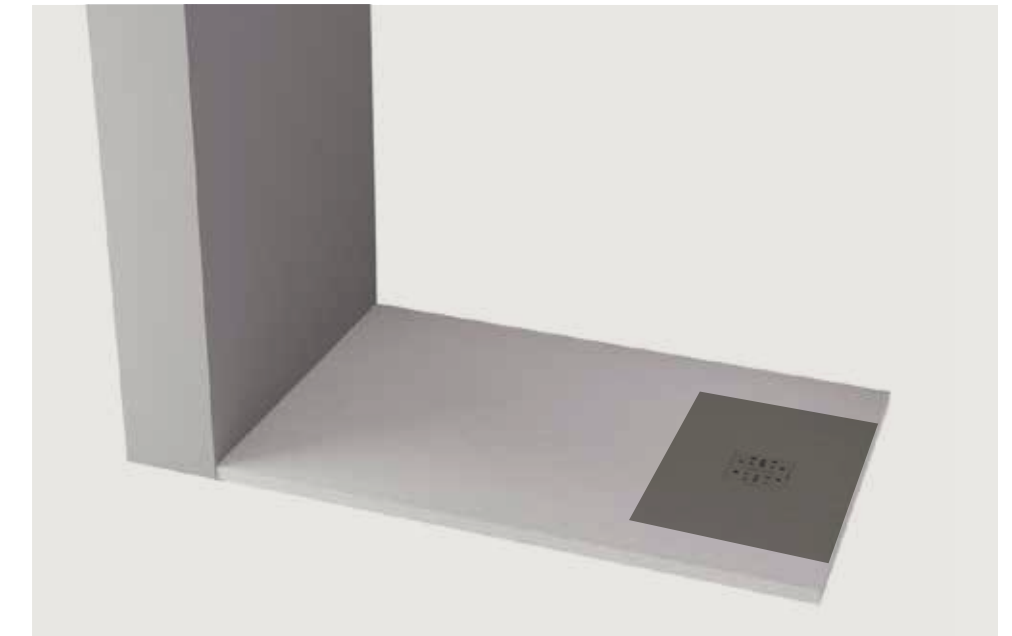
Smooth free standing shower tray. Tone on tone with the marbled wall and perfectly fitting with the resin floor. Modern concept combined with essential elegance for luxury 70s or modern atmosphere.

TAGLIO SU MISURA E SAGOMATURA

*CUSTOMIZED CUTS
AND SPECIAL CUTS*

I piatti doccia **nicos international** possono essere già tagliati in lunghezza e larghezza. Forniamo anche i piatti doccia con scassi eseguiti su misura per sagomare il piatto doccia esattamente allo spazio disponibile. I tagli devono comunque essere rettilinei, non sono quindi consentiti tagli curvi o ad arco. Non è poi possibile tagliare il piatto doccia attorno allo scarico per un'area pari a 40 x 40 cm. Il piatto doccia angolare consente un limitato taglio di max 2 cm lungo i due lati rettilinei.

nicos international shower trays can be already cut at any desired length and width. We provide custom made shower trays suitable for all space requirements. Only rectilinear cuts are allowed, while curved or arched cuts are not allowed. We do not recommend cutting the shower tray more than an area equal to 40 x 40 cm around the drain. Corner shower tray can be cut max 2 cm length along the two rectilinear sides.



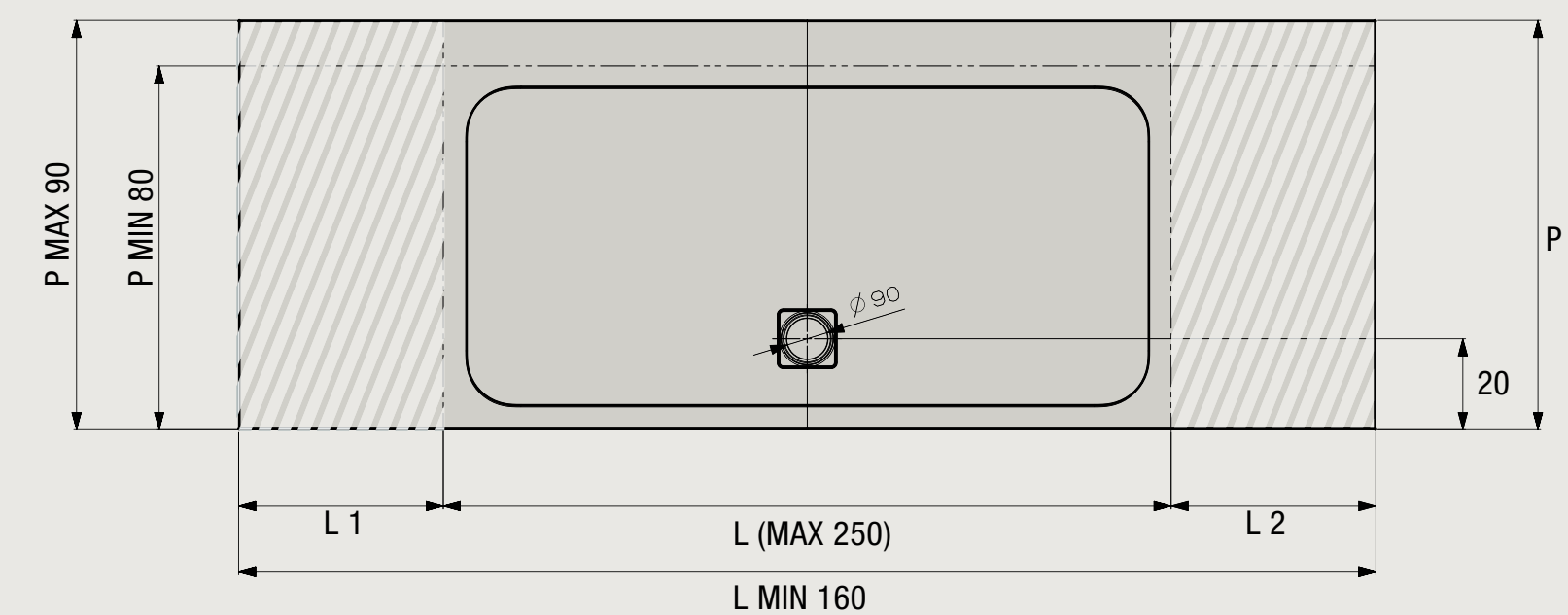
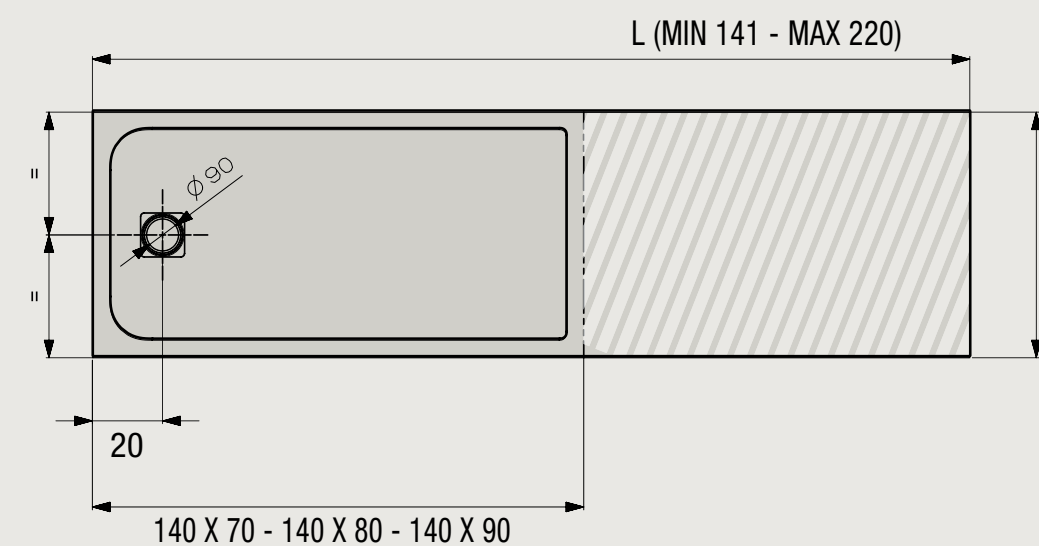
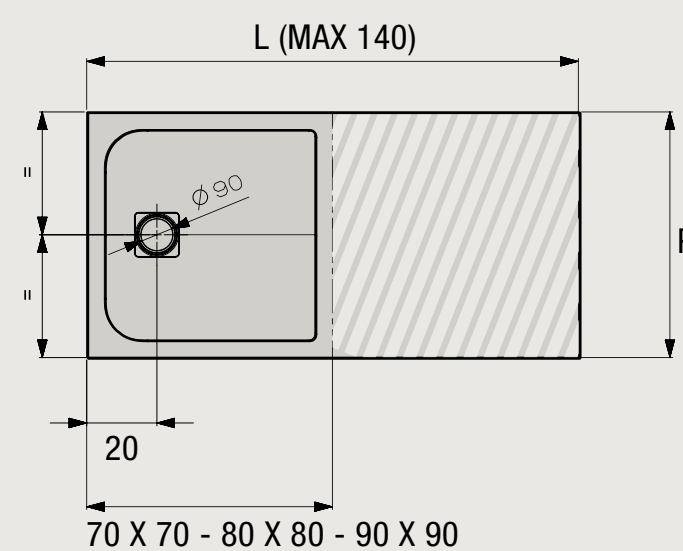
AREA NON TAGLIABILE 40 x 40 CM
NO CUTTING AREA 40 x 40 CM

I PIATTI DOCCIA CON DIMENSIONE A RICHIESTA

***SPECIAL SIZES
ON REQUEST***

I piatti doccia **nicos international** possono essere prodotti su misura in base alle specifiche esigenze di spazio dell'ambiente Bagno.

nicos international custom made shower
trays to suit all bathroom styles and space
requirements.



nicos international

SOLID SURFACE

SCHEDE TECNICHE
DATA SHEETS

SCHEDA TECNICA LAVABI / WASHBASINS DATA SHEET

PROPRIETÀ PROPERTIES	ESITO RESULT	UNITÀ DI MISURA UNIT OF MEASURE	METODO METHOD
DENSITÀ DENSITY	1.65 - 1.70	g/cm3	METODO INTERNO INTERNAL METHOD
DUREZZA BARCOL BARCOL HARDNESS	60	Barcol	ASTM D 2583-81
ASSORBIMENTO D'ACQUA DOPO 48 ORE WATER ABSORPTION AFTER 48 HOURS	<0,05	%	UNI EN 62:2001
COEFFICIENTE DI ESPANSIONE TERMICA LINEARE DA 0° A +40 °C COEFFICIENT OF THERMAL BETWEEN 0 AND +40 °C LINEAR EXPANSION	41.4	µm/m °C	ASTM E 831-2006
COEFFICIENTE DI ESPANSIONE TERMICA LINEARE DA 80° A +150 °C COEFFICIENT OF THERMAL BETWEEN 80° AND +150 °C LINEAR EXPANSION	124,7	µm/m °C	ASTM E 831-2006
CONTATTO CON GLI ALIMENTI - MIGRAZIONE GLOBALE CONTACT WITH FOOD - GLOBAL MIGRATION	acqua distillata: 0.4/distilled water: 0.4 acido acetico 3%: 0.8/acetico acid 3%: 0.8 etanolo 10%: 0.5/ethanol 10%: 0.5	mg/dm2	EN ISO 178:2003
RESISTENZA A FLESSIONE FLEXURAL STRENGTH	60.5	MPa	EN ISO 178:2003
MODULO DI ELASTICITÀ - FLESSIONE ELASTIC MODULUS - FLEXIBILITY	8707	MPa	EN ISO 178:2003
RESISTENZA A TRAZIONE ULTIMATE STRENGTH	32	MPa	EN ISO 527:1996
ALLUNGAMENTO A ROTTURA - TRAZIONE ELONGATION AT BREAK – TRACTION	0.4	%	EN ISO 527:1996
MODULO DI ELASTICITÀ - TRAZIONE ELASTIC MODULUS – TRACTION	9181	MPa	EN ISO 527:1996
RESISTENZA ALL'URTO (SPESSORE 15 MM) SHOCK RESISTANCE (THICKNESS 15 MM)	9.00	Joule 8.50	UNI 10442:1995
INVECCHIAMENTO ALLA LUCE (XENON) 1000 ORE LIGHT AGING (XENON) 1,000 HOURS	4/5	Scala di grigi	EN ISO 4892-2:2006
RESISTENZA ALLA SIGARETTA RESISTANCE TO CIGARETTE BURN	3 - Alone facilmente ripristinabile a seguito di pulizia 3 - Spot easily restored by cleaning	---	UNI 9241:1987 UNI FA 275:1989
RESISTENZA AL CALORE SECCO RESISTANCE TO DRY HEAT	Lieve opacità a 160 °C ripristinabile Slight opacity at 160 °C restorable	---	EN ISO 12722:1997
RESISTENZA AL CALORE UMIDO RESISTANCE TO WET HEAT	Lieve opacità a 95 °C ripristinabile Slight opacity at 95 °C restorable	---	EN ISO 12721:1997
DETERMINAZIONE DEL COEFFICIENTE - D'ATTRITO PER PAVIMENTI DETERMINATION OF FLOOR FRICTION COEFFICIENT IMPOSED	Il materiale soddisfa il requisito The material meets standard imposed	---	Metodo B.C.R.A. Method B.C.R.A.
CONFORMITÀ ALLA NORMATIVA CE COMPLIANCE TO EC STANDARDS	CONSEGUITA ATTAINED	---	UNI EN 14688:2007 Lavabi/ Washbasins UNI EN 14527:2010 Piatti doccia/shower trays
RESISTENZA AGLI SBALZI DI TEMPERATURA RESISTANCE TO TEMPERATURE CHANGES	Livello 5: non si riscontrano difetti Level 5: no faults detected	---	UNI 9429:1989
REAZIONE AL FUOCO - PICCOLA FIAMMA REACTION TO FIRE - SMALL FLAME	CATEGORIA I CATEGORY I	---	UNI 8457:1987 UNI 8457/A1:1996
REAZIONE AL FUOCO - PANNELLO RADIANTE REACTION TO FLAME - RADIANT PANEL	CATEGORIA I CATEGORY I	---	UNI 9174:1987 UNI 9174/A1:1996
CONFORMITÀ ALLA NORMATIVA USA - CANADA PLASTIC PLUMBING FIXTURES COMPLIANCE TO US-CANADA STANDARDS - PLASTIC PLUMBING FIXTURES	CONSEGUITA ATTAINED	---	CSA B45.5.11 IAPMO Z124-2011

SCHEDA TECNICA VASCHE / BATHTUBS DATA SHEET

PROPRIETÀ PROPERTIES	ESITO RESULT	UNITÀ DI MISURA UNIT OF MEASURE	METODO METHOD
DENSITÀ DENSITY	1.7-1.75	g/cm3	METODO INTERNO INTERNAL METHOD
DUREZZA BARCOL BARCOL HARDNESS	60	° SCALA BARCOL ° BARCOL SCALE	ASTM D 2583-81
ASSORBIMENTO D'ACQUA DOPO 48 ORE WATER ABSORPTION AFTER 48 HOURS	<0,05	%	UNI EN 62:2001
COEFFICIENTE DI ESPANSIONE TERMICA LINEARE LINEAR COEFFICENT OF THERMAL EXPANSION	41.3 (da 0 a +40° C) 107.1 (da +80 a +150° C)	µm/m °C	ASTM E 831-2006
CONTATTO CON GLI ALIMENTI - MIGRAZIONE GLOBALE CONTACT WITH FOOD - GLOBAL MIGRATION	acqua distillata: 0,5 acido acetico 3%: 1.3 etanolo 10%: 0,5	mg/dm2	UNI EN 1186:2003
RESISTENZA A FLESSIONE TENSILE STRENGTH	55.6	MPa	EN ISO 178:2003
RESISTENZA A FLESSIONE - MODULO DI ELASTICITÀ TENSILE STRENGTH - YOUNG'S MODULUS	7033	MPa	EN ISO 178:2003
RESISTENZA A TRAZIONE ULTIMATE STRENGTH	34	MPa	EN ISO 527:1996
RESISTENZA A TRAZIONE - ALLUNGAMENTO A ROTTURA ULTIMATE STRENGTH - ELONGATION AT BREAK	0.6	%	EN ISO 527:1996
RESISTENZA A TRAZIONE - MODULO DI ELASTICITÀ ULTIMATE STRENGTH - YOUNG'S MODULUS	7861	MPa	EN ISO 527:1996
RESISTENZA ALL'URTO (SPESSORE 15 MM) SHOCK RESISTANCE (THICKNESS 15 MM)	8.50÷9.00	Joule	UNI 10442:1995
INVECCHIAMENTO ALLA LUCE (XENON) LIGHT AGING (XENON) 1000 HOURS	5	Scala di grigi	EN ISO 4892-2:2006
RESISTENZA ALLA SIGARETTA RESISTANCE TO CIGARETTE BURN	3 - Alone facile da ripulire con pulizia 3 - Spot easily restored by cleaning	---	UNI 9241:1987 UNI FA 275:1989
RESISTENZA AL CALORE SECCO RESISTANCE TO DRY HEAT	Lieve opacità a 160 °C ripristinabile Slight opacity at 160 °C restorable	---	EN ISO 12722:1997
RESISTENZA AL CALORE UMIDO RESISTANCE TO WET HEAT	Lieve opacità a 95 °C ripristinabile Slight opacity at 95 °C restorable	---	EN ISO 12721:1997
DETERMINAZIONE DEL COEFFICIENTE - D'ATTRITO PER PAVIMENTI DETERMINATION OF FLOOR - FRICTION COEFFICIENT	Il materiale soddisfa il requisito The material meets standard imposed	---	BCRA
RESISTENZA AGLI SBALZI DI TEMPERATURA RESISTANCE TO TEMPERATURE CHANGES	Livello 5: non si riscontrano difetti Level 5: no faults detected	---	UNI 9429:1989
REAZIONE AL FUOCO - PICCOLA FIAMMA REACTION TO FIRE - SMALL FLAME	CATEGORIA I CATEGORY I	---	UNI 8457:1987 UNI 8457/A1:1996
REAZIONE AL FUOCO - PANNELLO RADIANTE REACTION TO FLAME - RADIANT PANEL	CATEGORIA I CATEGORY I	---	UNI 8457:1987 UNI 8457/A1:1996
CONFORMITÀ ALLA NORMATIVA USA – CANADA COMPLIANCE TO US-CANADA STANDARDS	CONSEGUITA ATTAINED	---	CSA B45.5.11 - IAPMO Z124-2011
CONFORMITÀ ALLA NORMATIVA CE - VASCHE PER USO DOMESTICO COMPLIANCE TO EC STANDARDS - HOUSEHOLD BATHTUBS	CONSEGUITA ATTAINED	---	UNI EN 14527:2006

Le informazioni riportate si riferiscono alle attuali conoscenze sul materiale e possono essere modificate in qualsiasi momento; questa scheda non è assimilabile né a garanzia né a certificazione di prodotto.
This information refers to the current knowledge on the material and may change at any time. This sheet is neither comparable to a guarantee nor a product certificate.

SCHEDA TECNICA PIATTI DOCCIA / SHOWER TRAYS DATA SHEET

PROPRIETÀ PROPERTIES	ESITO RESULT	UNITÀ DI MISURA UNIT OF MEASURE	METODO METHOD
DENSITÀ DENSITY	1.7-2.00	g/cm3	METODO INTERNO INTERNAL METHOD
ASSORBIMENTO D'ACQUA DOPO 48 ORE WATER ABSORPTION AFTER 48 HOURS	<0.3	%	UNI EN 62:2001
DUREZZA BARCOL BARCOL HARDNESS	65	° SCALA BARCOL ° BARCOL SCALE	ASTM D 2583-81
RESISTENZA A FLESSIONE TENSILE STRENGTH	32.30	MPa	EN ISO 178:2003
RESISTENZA A FLESSIONE - MODULO DI ELASTICITÀ TENSILE STRENGTH - YOUNG'S MODULUS	9102	MPa	EN ISO 178:2003
RESISTENZA A TRAZIONE ULTIMATE STRENGTH	19.80	MPa	EN ISO 527:1996
RESISTENZA A TRAZIONE - ALLUNGAMENTO A ROTTURA ULTIMATE STRENGTH - ELONGATION AT BREAK	0.26	%	EN ISO 527:1996
RESISTENZA A TRAZIONE - MODULO DI ELASTICITÀ ULTIMATE STRENGTH - YOUNG'S MODULUS	10330	MPa	EN ISO 527:1996
RESISTENZA ALL'URTO (SPESSORE 10 MM) SHOCK RESISTANCE (THICKNESS 10 MM)	2	Joule	UNI 10442:1995
RESISTENZA AL CALORE SECCO RESISTANCE TO DRY HEAT	5 - 160°C	---	EN ISO 12722:1997
RESISTENZA AL CALORE UMIDO RESISTANCE TO WET HEAT	5 - 100°C	---	EN ISO 12721:1997
DETERMINAZIONE DEL COEFFICIENTE - D'ATTRITOPER PAVIMENTI DETERMINATION OF FLOOR FRICTION - COEFFICIENT	Il materiale soddisfa il requisito The material meets the standard imposed	---	BCRA
CONFORMITÀ ALLA NORMATIVA CE - PIATTI DOCCIA COMPLIANCE TO CE STANDARDS - SHOWER TRAYS	CONSEGUITA ATTAINED	---	UNI EN 14527:2010
CONFORMITÀ ALLA NORMATIVA USA – CANADA COMPLIANCE TO US-CANADA STANDARDS	CONSEGUITA ATTAINED	---	CSA B45.5.11 - IAPMO Z124-2011 “Plastic Plumbing Fixtures”

RESISTENZA CHIMICA / CHEMICAL RESISTENCE

La superficie é stata sottoposta a test di contatto per 16 ore con agenti macchianti e sostanze aggressive; la maggior parte degli aloni possono essere rimossi mediante pulizia, in alcuni casi è necessario un ripristino/riparazione.

PULIZIA: pulire con spugna e normali detergenti per la pulizia del bagno disponibili in commercio, oppure con spugna abrasiva (tipo Scotch Brite®) e detergenti abrasivi.

RIPARAZIONE: levigare con carta abrasiva P320 e uniformare con spugna abrasiva (tipo Scotch Brite®).

ACE® CREMA GEL	ACE® CREAM GEL
ACETO BIANCO	WHITE VINEGAR
ACETONE	ACETONE
ACIDO ACETICO 10%	ACETIC ACID 10%
ACIDO CITRICO 10%	CITRIC ACID 10%
ACIDO MURIATICO	MURIATIC ACID
AJAX®	AJAX®
ALCOOL ETILICO 48%	ETHYL ALCOHOL 48%
ALCOOL ETILICO DENATURATO	DENATURED ETHYL ALCOHOL
ALONI D'ACQUA	WATER SPOTS
AMMONIACA 10%	AMMONIA 10%
ARGILLA (MASCHERA VISO)	CLAY (FACE MASK)
BICARBONATO DI SODIO	(SOL. IN ACQUA 50%)
SODIUM BICARBONATE	(50% WATER SOLUTION)
BLU DI METILENE 1%	METHYLENE BLUE 1%
BUTIL ACETATO	BUTYL ACETATE
CAFFÉ	OFFEE
CANDEGGINA	BLEACH
CIF®	CIF®
COLLUTTORIO (BASE ALCOOL)	MOUTHWASH (ALCOHOL-BASED)
DENTIFRICIO	TOOTH PASTE
DETERSIVO LAVASTOVIGLIE (LIQUIDO)	DISHWASHER DETERGENT (LIQUID)
DISSOLVENTE DI SMALTO (NON A BASE DI ACETONE)	NAIL POLISH REMOVER (ACEETONE-FREE)
ETERE DI PETROLIO	PETROLEUM ETHER
ETIL ACETATO	ETHYL ACETATE
FONDOTINTA	FOUNDATION (MAKEUP)
GLICERINA	GLYCERINE
IDROSSIDO DI SODIO 5% ***	SODIUM HYDROXIDE 5% ***
IDROSSIDO DI SODIO 20% ***	SODIUM HYDROXIDE 20% ***

- * Rimuovere con acetone o solvente per smalto e poi procedere con la pulizia.
- ** Per la rimozione della macchia/alone eseguire riparazione.
- *** Per la rimozione della macchia/alone eseguire riparazione profonda con carte abrasive P120-220-320 e uniformare con spugna abrasiva (tipo Scotch Brite®).

The surface has been tested with a 16-hour contact test with staining agents and aggressive substances. Most smudges can be easily removed by cleaning, in some cases specific restoring/repair may be required.

CLEANING: wipe with a sponge and a normal bathroom detergent, or an abrasive sponge (Scotch Brite®type) and scouring cream.

REPAIR: polish using P320 sandpaper and smooth using a scouring sponge (Scotch Brite® type).

INCHIOSTRO DI PENNA A SFERA	BALLPOINT PEN INK
INCHIOSTRO INDELEBILE	PERMANENT INK
IODIO 7%	IODINE 7%
IPOCLORITO DI SODIO 5%	SODIUM HYPOCHLORITE 5%
KETCHUP	KETCHUP
LYSOFORM®	LYSOFORM®
MATITA	CRAYON
MERCUROCROMO 2% **	MERCUROCHROME 2% **
OLIO DI OLIVA	OLIVE OIL
OSSIDO DI ZINCO (PASTA)	ZINC OXIDE (PASTE)
PEROSSIDO DI IDROGENO 3%	HYDROGEN PEROXIDE 3%
PROFUMO	PERFUME
ROSSETTO LABBRA	LIPSTICK
SALE (CLORURO DI SODIO)	SALT (SODIUM CHLORIDE)
SALSA DI POMODORO	TOMATO SAUCE
SAPONE (CASALINGO)	SOAP (HOUSEHOLD)
SIGARETTA (BRUCIATURA)	CIGARETTE (BURN)
SMALTO PER UNGHIE *	NAIL POLISH *
SUCCO DI LIMONE	LEMON JUICE
TÈ	TEA
TINTURA DI IODIO	TINCTURE OF IODINE
TINTURA PER CAPELLI	HAIR DYE
TOLUENE	TOLUENE
UREA 6%	UREA 6%
VIAKAL®	VIAKAL®
VIM® IN POLVERE	VIM® POWDER
VINO ROSSO	RED WINE
VIOLETTO DI GENZIANA 1%	GENTIAN VIOLET 1%

- * Remove using acetone or nail polish solvent before cleaning.
- ** This type of stain or smudge requires surface repair.
- *** To remove this stain or smudge run deep surface repair using P120-220-320 sand paper and then smooth with a scouring sponge (Scotch Brite® type).

MAINTENANCE INSTRUCTIONS

In order to preserve the original surface characteristics of MINERALMARMO® OPACO using soapy water or common detergent to remove most stains and the dirt that may have deposited. Gel detergents and abrasive products are particularly recommended in combination with a scrub sponge of the Scotch Brite® type. Thoroughly rinse the surface with abundant water. In this way, you can make sure the original distinctive opaque finish of MINERALMARMO® OPACO is safely preserved.

This surface is highly resistant to stains in general. Nevertheless, we do not recommend the use of aggressive chemicals such as acetone, trichloroethylene or strong acids (e.g. muriatic acid) or strong bases (e.g. caustic soda), industrial detergents, solvents used in wall painting or very aggressive substances for clearing sink drains. Suitable products are detergent creams or powders such as CIF®, VIM® or similar products which contain microgranules that scour the surface. Denatured ethyl alcohol can also be used, making sure the surface is then rinsed thoroughly.

Some substances such as ink, cosmetics and dyes may stain the surface of MINERALMARMO® OPACO if in prolonged contact with the material, the same could happen with cigarette burns. In these cases small surface damage of MINERALMARMO® OPACO can be restored using a Scotch Brite® (3M registered trademark) scrub sponge combined with a common abrasive cleaner. If the damage is still visible, smooth again the area using extra-fine sandpaper.

We do not recommend using this product at water temperature above 55° C (130° F). The Manufacturer shall not be liable for any damages that may result from the improper use of the product.

SUPERFICI VERNICIATE / PAINTED SURFACES

PROPRIETÀ	METODO	UNITÀ DI MISURA	ESITO
RESISTENZA AL GRAFFIO	UNI 9428:1989	LIVELLO*	4
RESISTENZA AGLI SBALZI DI TEMPERATURA	UNI 9429:1989	LIVELLO**	5
ADESIONE DELLE FINITURE AL SUPPORTO	UNI 9240:1987	MPa	3.9
ADESIONE DELLE FINITURE AL SUPPORTO DOPO TRATTAMENTO AGLI SBALZI TERMICI	UNI 9240:1987	MPa	3.7
RESISTENZA AI LIQUIDI FREDDI	EN 12720:1997	--	16 ORE
SOSTANZA	LIVELLO**	SOSTANZA	LIVELLO**
ACE® CREMA GEL	3	IODIO 7%	3
ACETO BIANCO	5	IPOCLORITO DI SODIO 5%	4
ACETONE	4	KETCHUP	5
ACIDO CITRICO 10%	5	LYSOFORM®	3
ALCOOL ETILICO 48%	5	OSSIDO DI ZINCO (PASTA)	4
AMMONIACA 10%	5	PEROSSIDO DI IDROGENO 3%	5
ARGILLA (MASCHERA VISO)	3	PROFUMO	5
BICARBONATO DI SODIO (SOL. IN ACQUA 50%)	3	SAPONE (CASALINGO)	5
BLU DI METILENE 1%	4	SIGARETTA (BRUCIATURA)	3
CANDEGGINA	1	UREA 6%	5
CIF®	3	SUCCO DI LIMONE	3
COLLUTTORIO (BASE ALCOOL)	5	TINTURA DI IODIO	4
DENTIFRICIO	5	TINTURA PER CAPELLI	3
DISSOLVENTE DI SMALTO (NON A BASE DI ACETONE)**	4	SMALTO PER UNGHIE	3 dopo rimozione con acetone
FONDOTINTA	3	VIAKAL®	3
INCHIOSTRO DI PENNA A SFERA	5 rimosso con gomma	VIM® IN POLVERE	4
* Livello di prova: Il valore di resistenza al graffio è dato dal carico (N) necessario a provocare il graffio circolare e continuo. MINIMO 1 (fino a 0,2N) → MASSIMO 5 (oltre i 2,0N).			
** Scala di valutazione: 1. Superficie parzialmente o completamente danneggiata. 2. Impronta marcata, molto evidente. 3. Leggero cambiamento di lucentezza o di colore, facilmente individuabile oppure impronta circolare appena visibile. 4. Leggero cambiamento di lucentezza o di colore facilmente individuabile solo in particolari condizioni di osservazione. 5. Nessun cambiamento visibile.			
Le informazioni riportate si riferiscono alle attuali conoscenze sul materiale e possono essere modificate in qualsiasi momento; questa scheda non è assimilabile né a garanzia né a certificazione di prodotto.			

CURA E MANUTENZIONE SUPERFICI VERNICIATE

PRENDERSI CURA DI UNA SUPERFICIE VERNICIATA È SEMPLICE E VELOCE:

PULIZIA ABITUALE
È sufficiente pulire con comuni detergenti per superfici spray e spugna morbida o panno in cotone.
Attenzione: NON usare spugne abrasive e NON usare detergenti abrasivi.

PRODOTTI CONSIGLIATI
Per la pulizia abituale di Superfici verniciate possono essere utilizzati i seguenti prodotti: Ammoniaca soluzione 10%, Glassex®, Vetril® multiuso igienizzante. Dopo aver effettuato la pulizia risciacquare bene la superficie per evitare il formarsi di aloni.

NON UTILIZZARE
Prodotti a base di candeggina: possono formare aloni sulla superficie verniciata
Acidi e basi forti come acido muriatico e soda caustica, solventi come alcool, alcool denaturato, acetone, trielina o altri usati nel settore verniciatura possono alterare le superfici verniciate. Non usare prodotti per sturare gli scarichi.

ATTENZIONE
Non utilizzare spugne abrasive e carta abrasiva nella parte colorata. Per detergenti di cui non si conosce la potenziale aggressività è bene fare una prova applicativa in una piccola zona non a vista prima di utilizzare il prodotto (per entrambe le superfici).

PROPERTY	METHOD	UNIT OF MEASURE	RESULT
RESISTANCE TO SCRATCH	UNI 9428:1989	LIVELLO*	4
RESISTANCE TO TEMPERATURE CHANGES	UNI 9429:1989	LIVELLO**	5
FINISH ADHESION TO THE BASE	UNI 9240:1987	MPa	3.9
FINISH ADHESION TO THE BASE AFTER TEMPERATURE CHANGE TREATMENT	UNI 9240:1987	MPa	3.7
RESISTANCE TO COLD LIQUIDS	EN 12720:1997	--	16 HOURS
SUBSTANCE	LEVEL**	SUBSTANCE	LEVEL**
ACE® CREAM GEL	3	IODINE 7%	3
WHITE VINEGAR	5	SODIUM HYPOCHLORITE 5%	4
ACETONE	4	KETCHUP	5
CITRIC ACID 10%	5	LYSOFORM®	3
ETHYL ALCOHOL 48%	5	ZINC OXIDE (PASTE)	4
AMMONIA 10%	5	HYDROGEN PEROXIDE 3%	5
CLAY (FACE MASK)	3	PERFUME	5
SODIUM BICARBONATE (50% WATER SOLUTION)	3	SOAP (HOUSEHOLD)	5
METHYLENE BLUE 1%	4	CIGARETTE (BURN)	3
BLEACH	1	UREA 6%	5
CIF®	3	LEMON JUICE	3
MOUTHWASH (ALCOHOL-BASED)	5	TINCTURE OF IODINE	4
TOOTH PASTE	5	HAIR DYE	3
NAIL POLISH REMOVER (ACETONE- FREE)	4	NAIL POLISH	3 after removal with acetone
FOUNDATION	3	VIAKAL®	3
BALLPEN INK	5 removed using a rubber	VIM® POWDER	4
* Test level: The scratch resistance value is given by the load (N) required to cause a continuous circular scratch. MIN. 1 (up to 0,2N) → MAX 5 (over 2,0N).			
** Evaluation scale: 1. Surface partially or completely damaged. 2. Strong visible mark. 3. Slight change in gloss or colour, easily noticeable or barely visible circular mark. 4. Slight change in gloss or colour easily detectable only in particular conditions of observation. 5. No visible change.			
This information refers to the current knowledge on the material and may change at any time. This sheet is neither comparable to a guarantee nor to a product certificate.			

MAINTENANCE INSTRUCTIONS PAINTED SURFACES

TAKING CARE OF OUR PAINTED SURFACE IS QUICK AND EASY:

DAILY CLEANING
Simply clean the surface using a common spray cleaner on a soft sponge or cotton cloth.
Warning: DO NOT use abrasive sponges or detergents!

SUITABLE PRODUCTS
For the routine cleaning of our painted surface, please use the following products: 10% ammonia solution, Glassex®, multi-purpose sanitizing Windex®. After cleaning, rinse the surface thoroughly to prevent water stains from forming on the surface.

UNSUITABLE PRODUCTS
Chlorine bleach based cleaners may stain the painted surface.
Some strong acids and bases such as hydrochloric acid and caustic soda and solvents such as alcohol, denatured alcohol, acetone, trichlorethylene or similar products used in the vanishing industry may alter the painted surfaces. Do not use drain-clearing products.

ATTENTION!
Do not use abrasive sponges or sandpaper on the parts painted. If using a detergent whose potential aggressiveness is unknown, it is recommended to make a test application on a small and not visible area before using the product (on both surfaces).

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