

Qualità e Stile Italiano. Italian Quality and Style.



numero  
issue

41

Catalogo generale  
*Main catalogue*

L'azienda  
*Company profile*

Made in Italy

Fluxcoating

Finiture  
*Finishes*

Indice  
*Index*

Espositori  
*Display units*

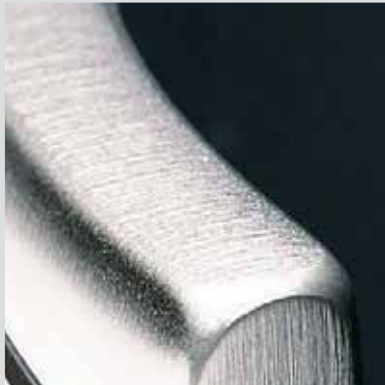


**MANDELLI**<sup>®</sup>

ESC



*“Ho sempre avuto  
un profondo rispetto  
per il lavoro perchè,  
come diceva Baudelaire,  
lavorare è meno noioso  
che divertirsi.”*



*Amb. Mandelli*  
Ing. Ambrogio Mandelli



**MANDELLI®**

Secondo le norme ASTM B11773 in soluzione di NaCl. I pezzi vengono posti in camere con il 99% di umidità, pressione costante 1 ATM, a 36°C in soluzione NaCl al 5%.	Prova in nebbia salina ASTM B11773 con reticolo secondo le norme DIN 53151.	Dopo 300 ore minima alterazione nei punti dei reticoli.
Quadratura di 1 cm2 (1x1 mm) con strappo a nastro.	Potenza lampada 1.500W. Filtro attenuatore 315 mm. Temperatura interna camera 45/60°C.	Nessun distacco di vernice.
Temperatura 70°C. Durata 24 h.	Limite temperatura inferiore -25°C Limite temperatura superiore +55°C. Numero cicli: 100.	Dopo 148 ore nessuna sensibile variazione di colore rispetto alla zona mascherata.
Immersione nel cemento liquido per 14 giorni.	Temperatura 40°C. Umidità 95%. Durata 168 h.	Nessuna alterazione della superficie.
Soluzione di soda caustica: 5%. Tempo di immersione: 24 h.	Immersione nel cemento liquido per 14 giorni.	Nessuna rottura o alterazione della superficie.
Temperatura: 40°C. Umidità 95%. Durata 14 giorni.	Soluzione di soda caustica: 5%. Tempo di immersione: 24 h.	Nessun principio di corrosione.
Pulizia con prodotti detergenti per la casa; una volta al giorno per 7 giorni.	Immersione nel cemento liquido per 14 giorni.	Lievissimi punti di corrosione nelle vicinanze dei fori.
Frequenza 8-55 Hz. Accelerazione vibrazione 1,255 G, periodo ciclo 120 sec.	Soluzione di soda caustica: 5%. Tempo di immersione: 24 h.	Nessuna sensibile alterazione della superficie.
Pressione applicata 5N (20 Kgf) numero colpi: 1000.	Temperatura: 40°C. Umidità 95%. Durata 14 giorni.	Nessun sensibile alterazione della superficie.
Simulazione di apertura con pressione di 8 Kg (DM 236 del 1989).	Pulizia con prodotti detergenti per la casa; una volta al giorno per 7 giorni.	Lieve alterazione del colore.

**Description of test procedure**

Thickness of the protective layer applied	ASTM B11773 in NaCl solution. Samples are kept for 420 hours in a chamber with a 5% solution of NaCl, under following conditions: 99% humidity; 1 ATM constant pressure; 96°F temperature	Over 120 micron. Over 3 H.
ASTM B11773 in NaCl solution. Samples are kept for 420 hours in a chamber with a 5% solution of NaCl, under following conditions: 99% humidity; 1 ATM constant pressure; 96°F temperature	Salty fog test ASTM B11773 with lattice according to standards DIN 53151.	Over 420 hours without alterations.
Check of 1 square centimeter (1x1 mm) with ribbon pull.	Lamp power 1.500 W. Attenuating filter 315 mm. Internal temperature of the chamber 113/140°F.	After 300 hours minimal alterations on lattice points. No varnish detachment.
Temperature 158°F. Duration 24 hours.	Temperature 104°F. Humidity 95%. Duration 168 hours.	After 148 hours no notable colour variation in comparison with the masked zone. No alteration of the surface.
Lower temperature limit: -13°F. Upper temperature limit: 131°F. Number of cycles: 100.	Immersione in liquid cement for 14 days.	No breakage/alteration of the surface.
Temperature 104°F. Humidity 95%. Duration 168 hours.	Immersione in liquid cement for 14 days.	No hints of corrosion.
Immersione in liquid cement for 14 days.	Caustic soda solution: 5%. Duration of the immersion: 24 hours. Temperature: 104°F. Humidity 95%.	Very light corrosion spots near the holes. No notable alteration of the surface. No notable variation of the surface.

Ottone trattato con metodo esclusivo Fluxcoating Vitrified  
Exclusive method Fluxcoating Vitrified

Ottone trattato con metodo classico Brass traditionally finished



Rugosità Roughness  
Opacità Opacity  
Macchie di ossidazione Oxidation spots

Rivestimento antiurto e antiusura Shock and wear-resistant protection  
Rugosità zero Zero roughness  
Brillantezza Long lasting brilliance  
Trattamento "porichiusi" Closed-pore system  
Ottone super-raffinato Super-refined brass



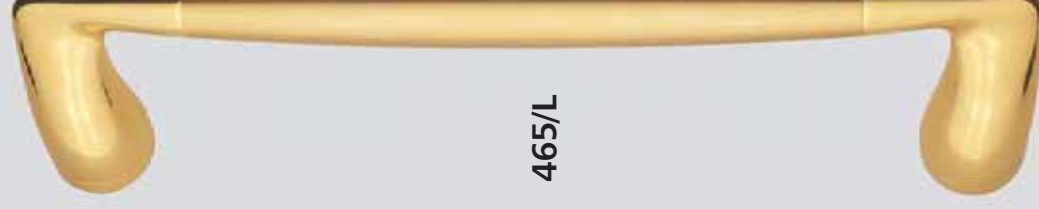
475



495



465



465/L

hi-tec PVD high impact - titanium  
ato i più severi test di qualità:

norme ASTM B117/73  
norme UNI 9397

Finitura hi-tec PVD  
Finish hi-tec PVD

*This product has been treated with the hi-tec PVD high impact - titanium electrochemical coating, and meets the most severe quality tests:*

- resistance to salt-spray according to ASTM B117/73 norms
- light fastness in compliance with UNI 9397 norms
- resistance to mineral acids (hydrochloric - sulphuric - nitric acid)

# 180/R 194/R 285



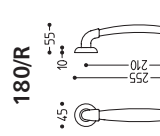
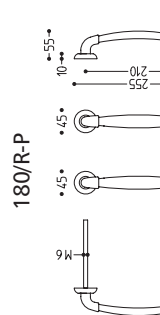
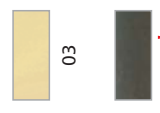
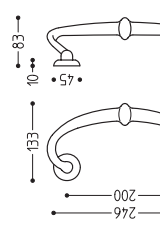
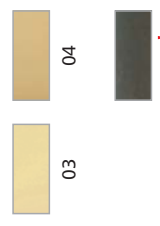
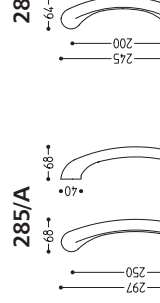
03



03



AB\*





CHE



04



03/CHE



MIBR

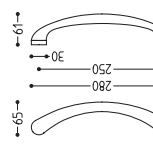
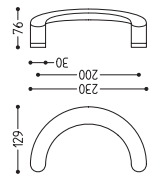
Tutto ottone  
Full brass



Ottone/Ciliegio  
Brass/Cherry wood



Ottone/Wengè  
Brass/Wengè



26

03

5

3025

995

55

502511 D



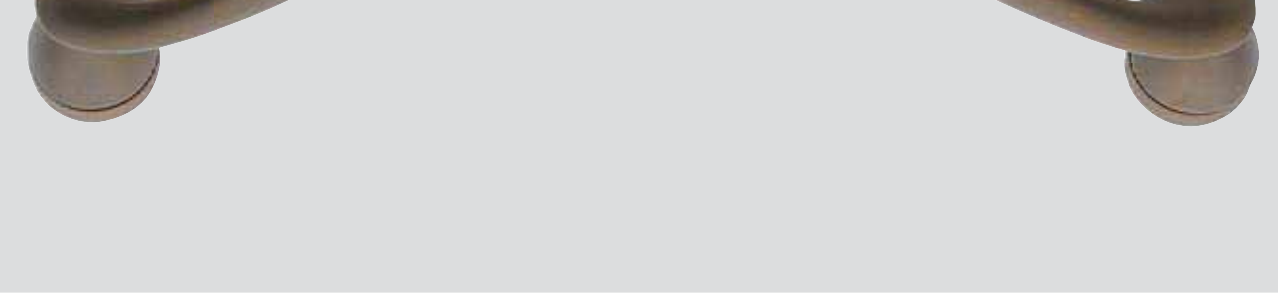
26D



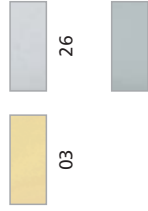
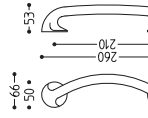
03



26D

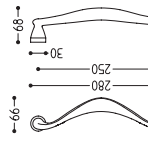


26



03

26



new

1155

1155

new

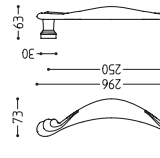
1155



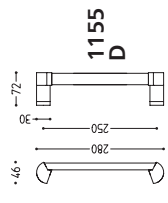
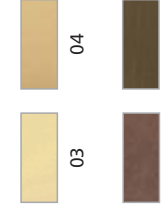
04



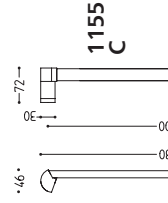
MBR



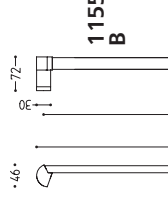
04



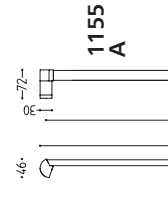
1155 D







































1155 C




















1155 B



1155 A

FIX-PE							
FIX-CPV							
FIX-CP							
FIX-AL							
FIX-SPV							
FIX-SP							
FIX-LE							
	 495	 775	 995	 1125	 1155	 3025/R-B	

FIX-LEM							
FIX-PVC							
FIX-LEM-SP75							
FIX-PVC-SP75							
FIX-VI							
FIX-PE							
FIX-CPV							
FIX-CP							
FIX-AL							
FIX-SPV							
FIX-SP							



**Mandelli & C. spa**  
Gruppo Fimana  
Via Rivabella, 90  
20045 Besana in Brianza  
Milano - Italy

**Vendite Italia**  
Tel. +39 03629699.1  
Fax +39 03629699.20

**Export Dept.**  
Tel. +39 03629699.1  
Fax +39 03629699.30  
[www.mandelli.it](http://www.mandelli.it)  
[info@mandelli.it](mailto:info@mandelli.it)

**MANDELLI®**

