



MADE  
IN ITALY

DESIGN.  
FOR ALL  
NORTH AMERICA

THE *DESIGN FOR ALL* BATHROOM ACCESSORIES PROGRAM DEMONSTRATES HOW ELEGANT, WELL-COORDINATED DESIGN CAN ELEVATE THE APPEARANCE AND PERFORMANCE OF ACCESSIBLE SPACES. SMARTLY DETAILED AND EXCEPTIONALLY WELL CRAFTED, EACH PRODUCT PROMOTES A LIFE WITHOUT BARRIERS AND SUPPORTS INCLUSION BEAUTIFULLY. PBA COLLABORATED WITH GENSLE, SERVING AS PRODUCT MERCHANDISING CONSULTANT, ON THE COMPLETE RANGE, WHICH IS SUITABLE FOR OFFICE, HOSPITALITY, RETAIL, HEALTHCARE, AND EDUCATION ENVIRONEMENTS.

THIS BROCHURE REPRESENTS A SMALL SELECTION FROM THE pba *DESIGN FOR ALL* CATALOGUE. VISIT THE pba [WEBSITE](http://www.pba.it) TO SEE THE FULL RANGE OF *DESIGN FOR ALL* PRODUCTS AVAILABLE IN THE USA AND CANADA. VISIT [www.pba.it](http://www.pba.it) TO LEARN MORE ABOUT pba AND TO SEE THE COMPLETE pba PRODUCT OFFERING.

# 7 PRINCIPLES OF UNIVERSAL DESIGN



01  
EQUITABLE  
USE



02  
FLEXIBILITY  
IN USE



03  
SIMPLE AND  
INTUITIVE USE



04  
PERCEPTIBLE  
INFORMATION



05  
TOLERANCE  
FOR ERROR

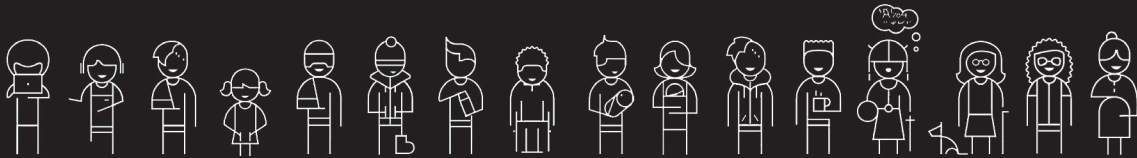


06  
LOW PHYSICAL  
EFFORT



07  
SIZE AND SPACE FOR  
APPROACH AND USE

# UNIVERSAL DESIGN



MAKING DESIGN ACCESSIBLE TO EVERYONE



OFFICE



HOSPITALITY



HEALTHCARE



PUBLIC SPACES



MIXED USED



RESIDENTIAL





- |    |                   |    |                       |
|----|-------------------|----|-----------------------|
| 1  | HOSPITAL          | 11 | SPA & WELLNESS CENTRE |
| 2  | RESIDENCE         | 12 | STADIUM               |
| 3  | SPORTS COURT      | 13 | SWIMMING POOL         |
| 4  | AIRPORT           | 14 | VILLAS                |
| 5  | TRAIN STATION     | 15 | BANK                  |
| 6  | MALL              | 16 | UNIVERSITY            |
| 7  | REST HOME         | 17 | CAMPUS                |
| 8  | EXHIBITION CENTER | 18 | LIBRARY               |
| 9  | OFFICE BUILDING   | 19 | MUSEUM                |
| 10 | HOTEL             | 20 | AUDITORIUM            |

## ANTI-MICROBIAL COATING

AVAILABLE ON REQUEST

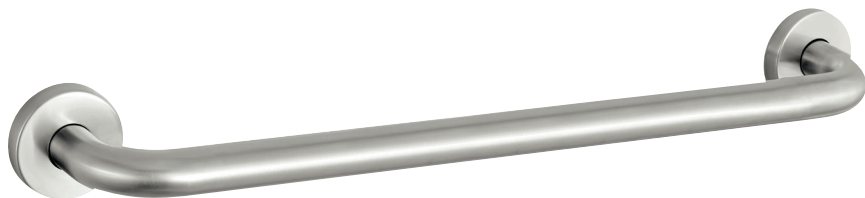
THE PBA ANTI-MICROBIAL COATING (AMC) SURFACE FINISHING CONTAINS SPECIAL ADDITIVES THAT MAKE THE SURFACE PROTECTED FROM BACTERIA AND MICROORGANISMS. THE TESTS SHOW THAT ON UNTREATED SURFACES THE MICROBES AND BACTERIA CAN EASILY PROLIFERATE WHILE ON THE TREATED SURFACES THE BACTERIAL PROLIFERATION IS PRACTICALLY ZEROED.

THE FOUNDATION FOR SUCCESSFULLY FIGHTING GERM GROWTH CONSISTS OF A THREE ACTION MECHANISMS: BLOCKAGE OF PRIMARY CELL METABOLISM, STOPPAGE OF CELLULAR RESPIRATION, PREVENTION OF CELL DIVISION.

SURFACES WITH PBA ANTI-MICROBIAL COATING (AMC) HAVE BEEN TESTED TO BE ACTIVE AGAINST GRAM-POSITIVE (STAPHYLOCOCCUS AUREUS - MRSA, BACILLUS SUBTILIS, STREPTOCOCCUS DAECALIS, AND OTHERS) AND GRAM-NEGATIVE BACTERIA (ESCHERICHIA COLI - ESBL, LEGIONELLA PNEUMOPHILA, PSEUDOMONAS AERUGINOSA AND OTHERS).

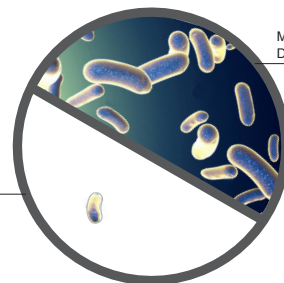
WE RECOMMEND PBA ANTI-MICROBIAL COATING (AMC) FOR ALL THE HYGIENE-SENSITIVE AREAS SUCH AS HOSPITALS AND RETIREMENT HOME AND GENERALLY FOR PUBLIC BUILDINGS AND HOTELS.

PBA ANTI-MICROBIAL COATING (AMC) NEEDS THE SAME CARE OF STANDARD POWDER-COATED SURFACES. SEE PBA CATALOGUE TECHNICAL SECTION FOR MORE INFORMATION.



AMC

PBA AMC REDUCES PATHOGENS  
BY ABOUT 99.99%



MULTI-RESISTANT PATHOGENS  
DEVELOP WITHOUT PBA AMC

### TRIED AND TESTED EFFICACY

REDUCES MULTI-RESISTANT PATHOGENS BY 99.99%.

(EFFECT OF ANTI-BACTERIAL ACTIVITY ON STAINLESS STEEL AND ALUMINUM SURFACES).

## DESIGN FOR ALL

These products contribute to LEED® credits



### DESIGN FOR ALL 4CS

STAINLESS STEEL AISI 316L



#### STAINLESS STEEL AISI 316L

SAISI 316L STAINLESS STEEL IS AN AUSTENITIC ALLOY. ITS DIFFERENCE FROM OTHERS STAINLESS STEEL ALLOYS IS THE HIGH PERCENTAGE OF MOLYBDENUM WHICH GUARANTEES A SPECIAL RESISTANCE TO CORROSION AND WEATHERING. THE HIGHER PERCENTAGE OF NICKEL ALSO GUARANTEES GREATER STABILITY. THE LETTER "L" INDICATES A LOW CARBON CONTENT THAT REDUCES THE RISK OF CORROSION FOLLOWING THE WELDING PROCESS.

### DESIGN FOR ALL 4CU

COPPER - STAINLESS STEEL AISI 316L



#### COPPER - STAINLESS STEEL AISI 316L

THE BEST STAINLESS STEEL GRADE 316L AND THE BEST ANTIMICROBIAL MATERIAL, COPPER, COMBINED TO PRODUCE HIGH QUALITY PRODUCTS IN TERMS OF MECHANICAL AND QUALITY PROPERTIES WITH THE ANTIMICROBIAL DEFENSE AGAINST A RANGE OF PATHOGENS, INCLUDING MRSA, S. AUREUS (A.K.A. STAPH) AND E. COLI THAT ONLY COPPER CAN OFFER.

### DESIGN FOR ALL 4CA

ANODIZED ALUMINUM



#### ALUMINUM ALLOY EN-AW 6060

THE ALUMINUM 6060 ALLOY HAS AN EXCELLENT RESISTANCE TO CORROSION, TO LOW TEMPERATURES AND ALLOWS QUALITY WELDINGS. IN THE DESIGN WORLD IT IS COMMONLY USED TO CREATE COMPONENTS WITH COMPLEX SHAPES ALLOWING EXCELLENT QUALITY RESULTS COMPARED TO OTHER ALLOYS FOR ANODIZING TREATMENTS.

### DESIGN FOR ALL 4CN

POLYAMIDE 6



#### POLYAMIDE 6

POLYAMIDE 6 IS A THERMOPLASTIC RESIN WITH HIGH MECHANICAL RESISTANCE, EXCELLENT TOUGHNESS TO IMPACTS AND HIGH RESISTANCE TO WEAR AND ABRASION. CLASSIFIED AS A SELF-EXTINGUISHING UL 94V-2 CATEGORY, POLYAMIDE 6 DOES NOT GENERATE TOXIC GASES, IT IS A SAFE MATERIAL, HARDLY DEFORMABLE AND VERY DURABLE.







**GRAB BARS**

**SHOWER  
SEATS**

**SHOWER  
ACCESSORIES**

**WASHROOM  
ACCESSORIES**

**TOILET  
ACCESSORIES**

**SPECIAL  
ACCESSORIES**

## DESIGN FOR ALL 4CS

THE **DESIGN FOR ALL 4CS** STAINLESS STEEL PROGRAM WAS DESIGNED FOR THE PROFESSIONAL CARE INDUSTRY. THANKS TO ITS FUNCTIONALITY, THE WIDE RANGE OF PRODUCTS, THE QUALITY OF THE BEST DEGREE OF STAINLESS STEEL (316L) AND THE TECHNICAL SOLUTION INTEGRATED IN THE PRODUCTS (FOR EASY INSTALLATION AND HIGH PERFORMANCE), THE STAINLESS STEEL DESIGN FOR ALL RANGE IS THE OPTIMUM SOLUTION FOR DIFFERENT FIELDS: HEALTH CARE, HOSPITALS, PRIVATE CLINICS, OFFICES AND PUBLIC SPACES. THE ERGONOMIC DESIGN AND THE MODULAR STRUCTURE OF THE PROGRAM OFFER A HIGH LEVEL OF COMFORT AND EASE FOR ALL USERS.

### ADA



PRODUCTS IN THIS COLLECTION WERE DESIGNED TO COMPLY WITH THE ADA AND SIMILAR ACCESSIBILITY REQUIREMENTS, HOWEVER FINAL INTERPRETATION OF ACCESSIBILITY COMPLIANCE IS THE RESPONSIBILITY OF THE SPECIFIER AND SHOULD BE DETERMINED ACCORDING TO SPECIFIC PROJECT CONDITIONS AND LOCAL CODES.

### FINISH

### STAINLESS STEEL POWDER COATED

**AMC****44**

Satin

LRV 53

**43**

Bright

**70****99**Transparent  
Satin**99**Transparent  
Bright**99**Black  
RAL 9005**99**White  
RAL 9010

(LIGHT REFLECTANCE VALUE) MEASURES THE PERCENTAGE OF LIGHT A PAINT COLOR REFLECTS.

**AMC**

THE **PBA ANTI-MICROBIAL COATING (AMC)** FINISHING CAN BE APPLIED TO STAINLESS STEEL PRODUCTS *DESIGN FOR ALL 4CS* (SATIN AND POLISHED).

WE RECOMMEND TO USE THIS COATING FOR GRAB BARS AND FOR ALL THE ACCESSORIES AND PRODUCTS FREQUENTLY TOUCHED.

**Declare.**

These products contribute to LEED® credits



**GRAB BARS**

**SHOWER  
SEATS**

**SHOWER  
ACCESSORIES**

**WASHROOM  
ACCESSORIES**

**TOILET  
ACCESSORIES**

**SPECIAL  
ACCESSORIES**

## DESIGN FOR ALL 4CU

THE **DESIGN FOR ALL 4CU** IS DEDICATED TO THE HEALTH CARE INDUSTRY, BUT THE ELEGANCE OF THE DESIGNS AND THE MODERN COMBINATION BETWEEN COPPER AND STAINLESS STEEL MAKE IT SUITABLE FOR ALL APPLICATIONS. THANKS TO THE ANTIBACTERIAL EFFICACY OF COPPER, THE QUALITY OF THE BEST DEGREE OF STAINLESS STEEL (316L), THE WIDE RANGE OF PRODUCTS AND THE TECHNICAL SOLUTION (FOR EASY INSTALLATION AND HIGH PERFORMANCE), THE DESIGN FOR ALL 4CU RANGE IS THE BEST SOLUTION FOR DIFFERENT PROJECTS: HEALTH CARE, HOSPITALS, PRIVATE CLINICS, OFFICES AND PUBLIC SPACES.

### ADA



PRODUCTS IN THIS COLLECTION WERE DESIGNED TO COMPLY WITH THE ADA AND SIMILAR ACCESSIBILITY REQUIREMENTS, HOWEVER FINAL INTERPRETATION OF ACCESSIBILITY COMPLIANCE IS THE RESPONSIBILITY OF THE SPECIFIER AND SHOULD BE DETERMINED ACCORDING TO SPECIFIC PROJECT CONDITIONS AND LOCAL CODES.

### FINISH



**4R**  
Satin  
Copper



Satin  
Stainless Steel

### COPPER COLORS

IN THE BEGINNING THERE IS LIGHT, THEN THE WARMTH OF SOFT BROWN TONES, AND FINALLY THE GROWTH OF GREEN. COPPER CHANGES THROUGH A RANGE OF COLOURS, BRINGING OBJECTS TO LIFE A THOUSAND TIMES. IT CHANGES SKIN, BUT THE STRENGTH TO RESIST INFECTIONS AND ATMOSPHERIC AGENTS LASTS FOREVER.



**GRAB BARS**

**SHOWER  
SEATS**

**SHOWER  
ACCESSORIES**

**WASHROOM  
ACCESSORIES**

**TOILET  
ACCESSORIES**

**SPECIAL  
ACCESSORIES**

## DESIGN FOR ALL 4CA

THE **DESIGN FOR ALL 4CA** ALUMINUM BATHROOM ACCESSORIES AND AIDS PROGRAM PROVES HOW ELEGANT, WELL-COORDINATED DESIGN CAN ELEVATE THE APPEARANCE AND PERFORMANCE OF ACCESSIBLE SPACES. SMARTLY DETAILED, EXCEPTIONALLY WELL CRAFTED, AND TO BE USED IN OFFICES, HOSPITALITY, RETAIL, HEALTHCARE AND EDUCATION, EACH PRODUCT WAS CREATED TO BEAUTIFULLY SUPPORT INCLUSION. THE ALUMINUM RANGE IS OFFERED IN A MODERN AND ELEGANT PALET OF COLORS.

ADA



PRODUCTS IN THIS COLLECTION WERE DESIGNED TO COMPLY WITH THE ADA AND SIMILAR ACCESSIBILITY REQUIREMENTS, HOWEVER FINAL INTERPRETATION OF ACCESSIBILITY COMPLIANCE IS THE RESPONSIBILITY OF THE SPECIFIER AND SHOULD BE DETERMINED ACCORDING TO SPECIFIC PROJECT CONDITIONS AND LOCAL CODES.

### FINISH

**RAIL**  
Anodized Aluminum

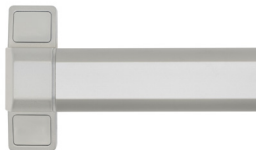
**SUPPORTS AND BENDS**  
Powder Coated Aluminum Alloy and Zamak

**SNAP OVER CAPS**  
Polyamide 6

**ACCESSORIES**  
Polyamide 6



**78**  
Silver

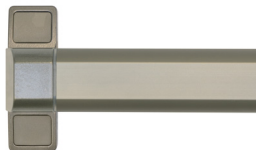


**78**  
Silver

ACCESSORIES



**AMC 99**  
Transparent  
Silver



**70**  
Light Bronze

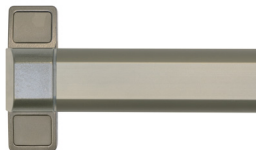
ACCESSORIES



**70**  
Light Bronze



**AMC 99**  
Transparent  
Light Bronze



**79**  
Dark Bronze



**AMC 99**  
Transparent  
Dark Bronze



**17**  
Anthracite

ACCESSORIES



**10**  
Black

ACCESSORIES



**73**  
Black



**AMC 99**  
Transparent  
Black

AMC

THE **PBA ANTI-MICROBIAL COATING (AMC)** FINISHING CAN BE APPLIED TO ALUMINUM PRODUCTS *DESIGN FOR ALL 4CA* (ANODIZED ALUMINUM - AMC ONLY FOR ANODIZED ALUMINUM COMPONENTS).

WE RECOMMEND TO USE THIS COATING FOR GRAB BARS AND FOR ALL THE ACCESSORIES AND PRODUCTS FREQUENTLY TOUCHED.

These products contribute to LEED® credits





**GRAB BARS**

**SHOWER  
SEATS**

**SHOWER  
ACCESSORIES**

**WASHROOM  
ACCESSORIES**

**TOILET  
ACCESSORIES**

**SPECIAL  
ACCESSORIES**

## DESIGN FOR ALL 4CN

THE **DESIGN FOR ALL 4CN** POLYAMIDE 6 INCLUDES GRAB BARS, SHOWER SEATS AND A WIDE RANGE OF BATHROOM ACCESSORIES WHICH GIVE TO DESIGNER THE OPPORTUNITY TO DESIGN ACCESSIBILITY WITHOUT COMPROMISING BETWEEN ACCESSIBILITY AND BEAUTY. THE BROAD PRODUCT RANGE AND THE DESIGN, TOGETHER WITH THE WIDE VARIETY OF COLORS ALLOWS TO CREATE BEAUTIFUL AND ACCESSIBLE SPACES FOR EVERYONE. THE POLYAMIDE 6 RESIN OFFERS A PLEASANT TOUCH AND A COMFORTABLE TEMPERATURE. THE TECHNICAL QUALITY, COMBINED WITH THE NON-POROUS POLYAMIDE RESIN SURFACE AND THE ABSENCE OF MICRO-SPLITTING, ENSURES THAT IT IS SANITARY, WITH THE BEAUTY AND THE BENEFIT OF COLORS.











### ADA



PRODUCTS IN THIS COLLECTION WERE DESIGNED TO COMPLY WITH THE ADA AND SIMILAR ACCESSIBILITY REQUIREMENTS, HOWEVER FINAL INTERPRETATION OF ACCESSIBILITY COMPLIANCE IS THE RESPONSIBILITY OF THE SPECIFIER AND SHOULD BE DETERMINED ACCORDING TO SPECIFIC PROJECT CONDITIONS AND LOCAL CODES.

### COLORS

THERE IS NO CORRESPONDENCE BETWEEN THE COLOR'S OF PBA POLYAMID 6 EXTRUDED/STAMPED PRODUCTS AND THE RAL CHART. THE RAL STANDARDS INDICATED ONLY REPRESENT AN INDICATION OF PBA'S COLORS, TAKING INTO ACCOUNT THAT THEY COULD BE CONSIDERABLY DIFFERENT FROM EACH OTHER, MOSTLY DEPENDING ON PERSONAL PERCEPTION AS WELL AS MONITOR AND PRINTER SETTINGS. SOMETIMES PBA PLASTIC PRODUCTS COULD STAND BETWEEN TWO COLORS OR THERE COULD BE NO MATCH AT ALL. PBA ADVISES TO REQUEST A SAMPLE FOR AN ACCURATE CHOICE.

									
<b>A1</b>	<b>01</b>	<b>02</b>	<b>03</b>	<b>04</b>	<b>05</b>	<b>07</b>	<b>09</b>	<b>10</b>	<b>17</b>
White Plus	White	Biscuit	Light yellow	Yellow	Light blue	Grey	Red	Black	Anthracite
LRV	87	76		65		27	9	5	

### LRV: THE IMPORTANCE OF COLOR

THE AGEING EYE INDIVIDUALS OR THE INDIVIDUALS WITH PSYCHOLOGICAL OR NERVOUS DISEASES WITH VISUAL IMPAIRMENTS FIND IT DIFFICULT TO DISCRIMINATE BETWEEN COLORS AND AS SUCH, THE USE OF CONTRAST IS AN EFFECTIVE TOOL TO ASSIST WITH THEIR INTERPRETATION OF THEIR PHYSICAL ENVIRONMENT. UNTIL RECENTLY, THE PERCEPTION WAS THAT OPPOSING COLORS (FOR EXAMPLE RED AND YELLOW) WOULD PROVIDE SUFFICIENT CONTRAST TO AID SOMEONE WITH A VISUAL IMPAIRMENT TO DISTINGUISH BETWEEN TWO OBJECTS OR SURFACES. HOWEVER, DESPITE THE DIFFERENCE IN HUE, THE LUMINOSITY OF THE COLOR MAY BE THE SAME. FOR EXAMPLE A DEEP RED WITH A LIGHT REFLECTANCE VALUE (LRV) OF 50 WILL APPEAR THE SAME AS A YELLOW WITH THE SAME LRV.

THE LIGHT REFLECTANCE VALUE (LRV) IS BASED ON A SCALE OF 0:100: THE 0, WHICH IS A PERFECTLY ABSORBING SURFACE THAT COULD BE ASSUMED TO BE TOTALLY BLACK, AND THE 100, WHICH IS A PERFECTLY REFLECTIVE SURFACE THAT COULD BE CONSIDERED TO BE THE PERFECT WHITE.

THE VISUAL CONTRAST IS GIVEN AS A DIFFERENCE IN LIGHT REFLECTANCE VALUE (LRV) BETWEEN TWO SURFACES.

THE **PERCEPTIBLE INFORMATION** PRINCIPLES OF THE UNIVERSAL DESIGN STATES THAT THE DESIGN HAS TO COMMUNICATE INFORMATION EFFECTIVELY REGARDLESS OF ENVIRONMENTAL CONDITIONS. IF THIS IS VALID FOR A MESSAGE ON A SIGN, IT'S EVEN MORE RELEVANT FOR A GRAB BAR AND GENERALLY FOR ALL THE PRODUCTS AND ACCESSORIES DESIGNED FOR A LIFE WITHOUT BARRIER.



These products contribute to LEED® credits



