

2024



ISO 9001 인증업체



HAEMA INDUSTRIAL

건축복지전문제조
(주) 해마산업

병원, 복지시설, 요양시설, 공공시설, 장애인편의시설, 가정용
설계 / 제조 / 시공 (유니버설 디자인, BF인증지원)



유니버설디자인
인증획득



대한건축사협회 추천 건축자재



범퍼레일
Impact Protection System



유리난간 '클리어뷰' / 핸드레일 & 난간지주
Handrail & Railing System



디럭스 안전손잡이
Deluxe Grab-Bar System



노본/논슬립 & 경질/연질 걸레받이
Wall Cove Base & Stair Noising



영유아 편의용품
Baby Care System



커튼 트랙
Curtain Track System

온라인 문의



hmrgb.com

문의 : 02-471-6500
(Overseas) +82-10-4716-5129

범퍼 핸드레일 Bumper Handrail



안전사고방지 범퍼 핸드레일

특허 제10-2201414호, 특허출원 제10-2023-0144781호

Most Safety Bumper Handrail

Max. 150mm high handrail with continuous aluminium retainer (6063-T5). Embossed Acrylic PVC cover and ABS accessory. Color-coordination available include handle part of Endcap. Prevents safety accidents with a blockage structure in all directions. 50mm distance between handrail and wall. Most Safety Bumper Handrail

범퍼 핸드레일 (벽에서 50mm 이격)

Conforming to New Standards Bumper Handrail

Max. 160mm high handrail with continuous aluminium retainer (6063-T5). Embossed Acrylic PVC cover and ABS accessory. Color-coordination available to match with your existing design scheme. 50mm distance between handrail and wall.



BHR-1500



BHRQ-1505



BHR-160-50



BHRQ-165-50

범퍼 핸드레일 타입별 비교

* 핸드레일과 벽사이 간격 : 50mm



BHR-1500



BHR-160-50



BHR-160 / BHR-140



50mm B/K



38mm B/K

막힘구조로 끈, 전깃줄 등으로 묶임을 방지합니다.
Prevents tying with strings, power cords, etc.

범퍼 핸드레일 Bumper Handrail



<메디플렉스 세종병원>

<원주세브란스병원>

<관교노인복지관>

Most Popular Bumper Handrail

Max. 160mm high handrail with continous aluminium retainer (6063-T5).
Embossed Acrylic PVC cover and ABS accessory.
Color-coordination available to match with your existing design scheme.

Simple & Lower Cost Bumper Handrail

Max. 160mm high handrail with continous aluminium retainer (6063-T5).
Embossed Acrylic PVC cover and ABS accessory.
Various color selections are available.



BHR-160
BHRQ-160



BHR-140
BHRQ-140



BHR-165
BHRQ - 165



손 스킴 별도 색상적용(목 무늬 가능)
Accent color on Handgrip (Available wood-pattern)



BHR-145 엑센트 컬러 라인 적용
Accent colored line on cover



BHR-169 목무늬 라인 적용
Wood-patterned line on Guard part



BHR-149 목무늬 라인 적용
Wood-patterned line on cover

코너/도어프레임 가드 Corner/Door Frame Guard

헤비듀티범퍼 Heavy Duty Protector



Corner Guard / Door Frame Protector

Aluminium retainer (6063-T5)
Acrylic PVC cover with ABS End cap



CGD-50
W: 50 x 50mm



CGD-75
W: 75 x 75mm



CGD-75-135
W: 75 x 75mm, ∠135



CG-20
W: 20 x 20mm
Tape-on



CG-40
W: 40 x 40mm
Tape-on



DFP-75
W: 75 x 75mm

Heavy Duty Wall / Corner Guard

Soft synthetic resin
Standard or custom available (Only dark colors)



HDWG-200
W200mm x D30mm

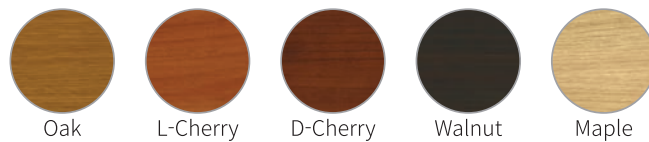


HDCG-100
W90mm x 90mm x D5~10mm

STANDARD COLORS for Impact Protection System (Custom colors are available.)



Wood pattern



(실제품의 색상은 조명의 종류, 조도 등에 따라서 다르게 보일 수 있습니다.)

※The color of the real product may be differently seen depending on the type of light, an intensity of illumination.



423
Light
Greenish
For CuS-Rail

MATERIAL TEST DATA SHEET

>> Specifications may vary by product and may change without prior notice for product improvement.
(제원은 제품사양에 따라 달라질 수 있으며, 제품 개선을 위해 예고없이 변경될 수 있습니다.)

	TEST CONDUCTED	TEST RESULT			TEST METHOD
COVER	Material	ACRYLIC PVC (Hard)			
	Thickness	P ≥ 1.0 / 1.5 / 2.0 mm			Minimum thickness varies by products
	Tensile Strength	above 40 MPa (450 kgf/cm ²)			KS M ISO 527-2 : 2012
	Impact	NO CHANGE			Load : 2kg steel ball, Drop Height : 2m
	Antimicrobial activity	Value of antimicrobial activity above 2.0 log (ATCC6538P) above 2.0 log (ATCC8739)			FILM-CONTACT Method (JIS Z 2801-2012)
	Flammability	Char area: within 50cm ² Char length: within 20cm			MECKEL BURNER
		V-0			UL 94 : 2013
	Colorfastness to Light	above 4 grade			KS K 0700 : 2019
	Heavy metal Content [mg/kg]	Lead(Pb)	Cadmium(Cd)	Mercury(Hg)	KS M 0032 : 2009 Detection Limit = 1 mg/kg
Not Detected		Not Detected	Not Detected		
Phthalates Content [%]	DEHP	DBP	BBP	KS M 1991 : 2011 Detection Limit = 0.01%	
	Not Detected	Not Detected	Not Detected		
RETAINER	Material	Aluminum 6063-T5			
	Thickness	P ≥ 1.0 / 1.2 / 1.5 / 1.7 / 2.0 mm			Minimum thickness varies by products
	Tensile Strength	above 150N/mm ²			KS D 6759 : 2017
	Yield Strength	above 110N/mm ²			KS D 6759 : 2017