

# The functional Solution

**Latham Hand Rails, Hand/Bump Rails, Illuminated Hand/Bump Rails, Bump Rails, Corner Guards, and Wall Protection Sheeting** are designed to provide a simple aesthetically appealing, functional solution for locations where traffic movement may be expected to cause scuffing and damage to walls and corners.

Usage examples include hospitals, schools, restaurants, offices, nursing homes, shops, passenger check in areas, hotels etc.

The textured finish that is on all the sections (excluding the BR-25) provides a hard wearing, scuff & scratch resistant replaceable finish to compliment modern designs.



## Luminance Reflective Value

Each of the 7 samples shown indicate the approximate colour and the Luminance Reflective Value (LRV) for the Latham Wall Protection Systems product range.



Snow White  
LVR 82



Almond Beige  
LVR 50



Hazy Grey  
LVR 21



Violet  
LVR 19



Sapphire Blue  
LVR 7



Pine Green  
LVR 7



Blue Grey  
LVR 19

All Latham Hand/Bump Rails are supplied in 3000mm lengths for site cutting to the required dimensions. Each 3000mm length is supplied with 7 adjustable wall brackets for installation 75mm from each end of the hand rail extrusion and at 475mm centres. If shorter lengths are required additional wall brackets can be purchased. These should be installed at 75mm from each end of the run and at a maximum of 500mm centres.

For compliance with the latest Australian Standard AS 1428.1-2009 the required spacing from hand rail to the wall is 50mm. For this purpose wall brackets are adjustable from 45mm-60mm to accommodate variations in wall straightness. It should be noted that International Standards may have different regulations as to this spacing requirement.

The quantity of end closures/wall returns, internal, and external corners should be calculated and ordered with the hand rail section. For fixing/installation details contact Latham Australia.

# Hand/Bump Rails

## Type HR-140

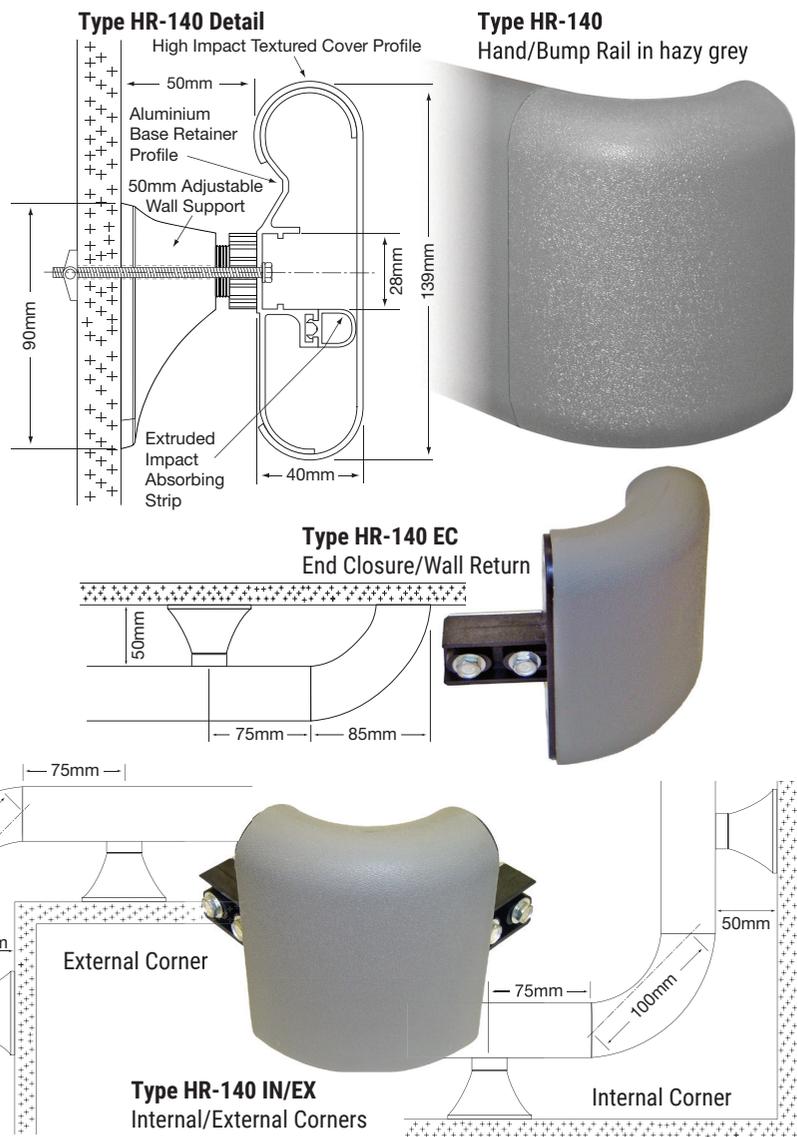
The Latham HR-140 Series Hand/Bump Rail offers a dual solution in the safety and protection for building occupants & the building itself.

The HR-140 Hand/Bump Rail Series offers safety for the pedestrian traffic through corridors etc whilst doubling as a bump rail for wheeled traffic like wheelchairs, beds, chairs, carts and trolleys.

The high impact textured cover snugly fits over the continuous aluminum retainer incorporating the specially designed impact absorbing strip, which absorbs impacts and helps to spread impact loads over a further distance reducing the shock on the wall fixing.

The system should be considered for use in conjunction with BR Series Bump Rails, CG Series Corner Guards, and WS Series Wall Sheeting.

End closures, internal and external corners are available with the system.



The system is offered in 6 colours



Standard Specifications

Standard length is 3000mm.  
Adjustable wall supports – 7 supplied per length.  
Install wall supports at approximately 475mm centres.

# Type HBR-160

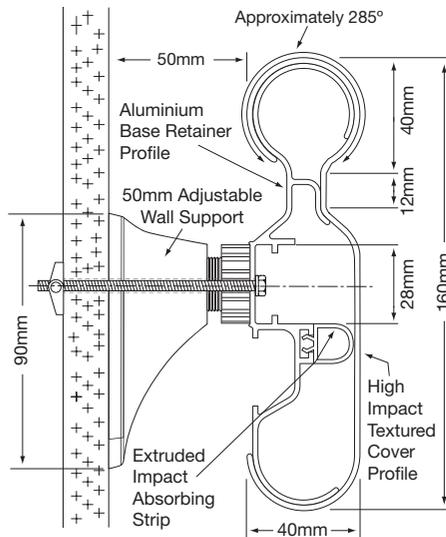
The Latham HBR-160 Series Hand/Bump Rail is new to the Latham range. The system offers a dual solution in the safety and protection for building occupants and the building itself.

The HBR-160 Series Hand/Bump Rail offers safety for pedestrian traffic through corridors etc whilst doubling as a bump rail for wheeled traffic like wheelchairs, beds, chairs, carts and trolleys. The high impact textured cover snugly fits over the continuous aluminum retainer incorporating the specially designed impact absorbing strip, which absorbs impacts and helps to spread impact loads over a further distance reducing the shock on the wall fixing. The Latham HBR Series is truly a hand and bump rail in one.

The system should be considered for use in conjunction with CG Series Corner Guards, BR Series Bump Rails and WS Series Wall Sheeting.

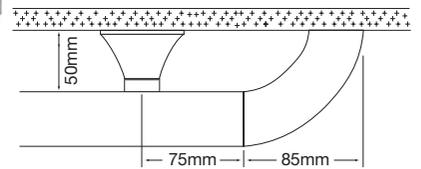
End closures, internal and external corners are available with the system.

The Latham HBR Series is compliant with the latest Australian Standard AS 1428-2009 when installed at the height set out in the Standard.

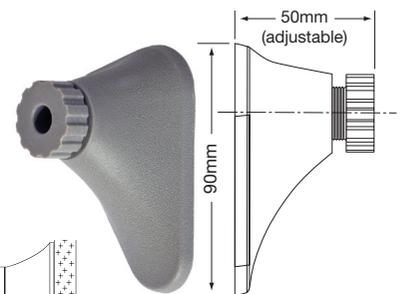


**Type HBR-160 Hand/Bump Rail**  
in hazy grey

**Type HBR-160 Detail**



**Type HBR-160 EC**  
End Closure/Wall Return



**Type HBR-160 WS**  
25mm to 45mm Tear Shape  
Adjustable Wall Support



**Type HBR-160 IN/EX**  
Internal/External Corners

The system is offered in 3 colours



Standard Specifications

Standard length is 3000mm.  
Adjustable wall supports – 7 supplied per length.  
Install wall supports at approximately 475mm centres.