

1
Sleeve



We offer users maximum freedom on site

The **Problems** :

When **severed pipes** are used



- Results in wasted time and cost on-site.
- Deformation will occur when a thin-walled pipe is set in concrete.
- Difficulty in ensuring the floor installation is fixed in a sturdy way.

When **fixed size sleeves** are used

Sleeves with a variety of dimensions to match the height of concrete must be stocked in advance, leading to inventory issues.



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Height Adjustable **Toilet** Sleeve

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Height Adjustable **Wall** Sleeve

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Height Adjustable **Beam** Sleeve



Our problem solving products!



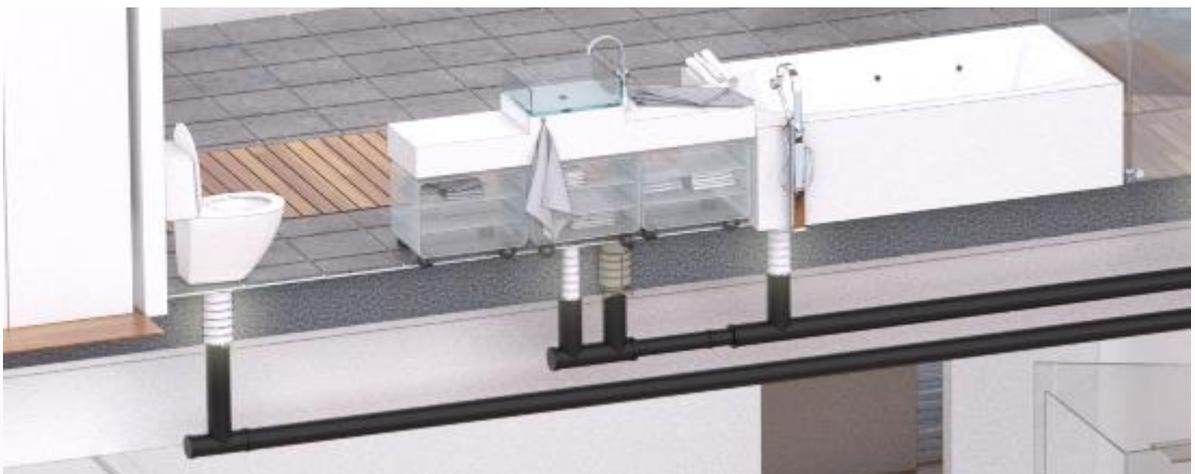
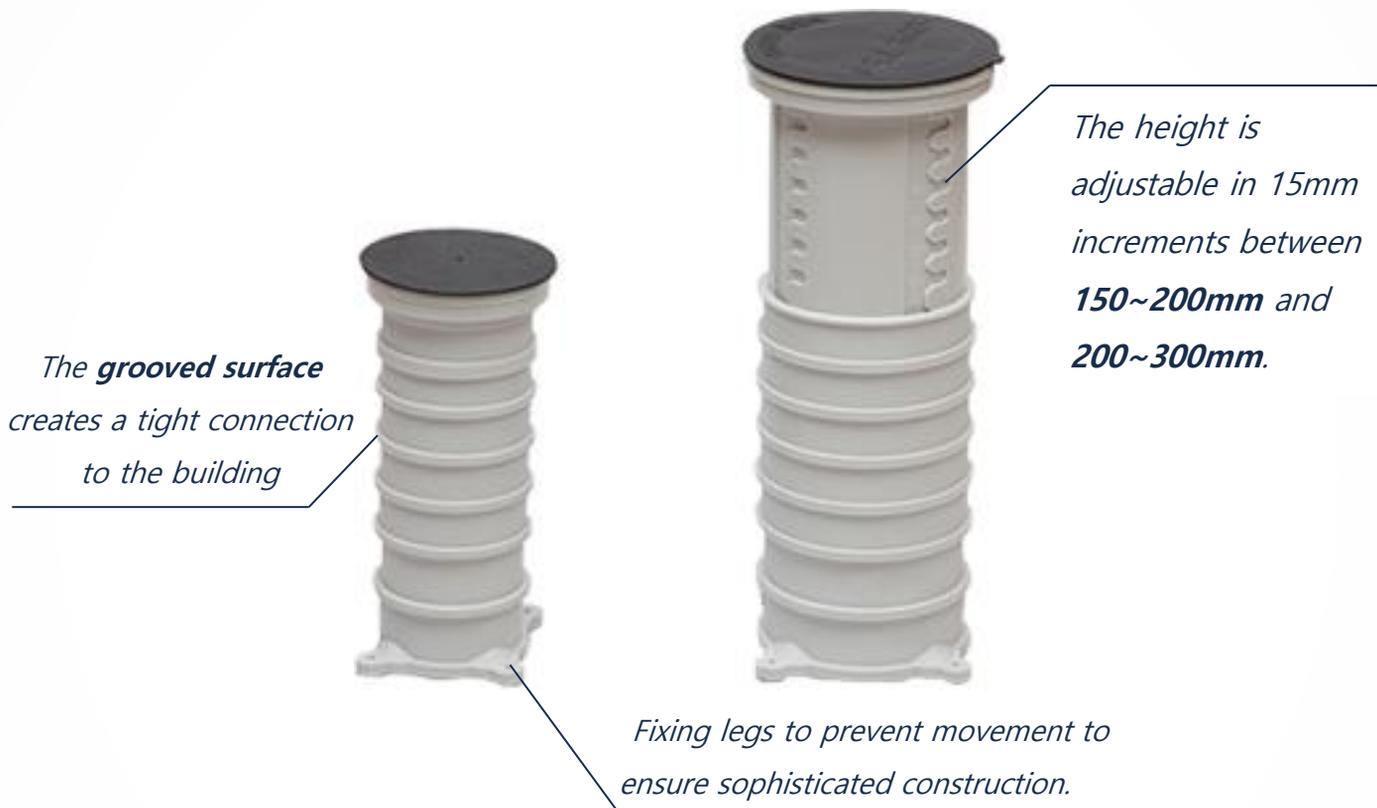
Height Adjustable

Toilet Sleeve M-12

Height Adjustable

Toilet Sleeve M-12

Plastic (PP) sleeves to be installed in the flooring to enable the discharge of a variety of wastewater from toilets and sinks



Example

Toilet Sleeve

Construction sleeves with height adjustment function

This product allows for immediate height adjustment to match the height of concrete being used at construction sites.

This maximizes construction convenience and increases construction efficiency.

Using the detailed dimensions on the surface of the product, it is possible to ensure sturdy and accurate construction by matching the required height in increments of 15mm, while also simplifying inventory management by not requiring the individual purchase of numerous sizes to match each possible height.

**KTR
tested**



Material : PP(Kopelen)

M-12 (S)

Plumbing pipe diameter $\varnothing 35, \varnothing 50, \varnothing 75, \varnothing 100$

Product height **150 ~ 200mm**

*Pipe thickness **vg1** and **vg2** are compatible*

M-12 (L)

Plumbing pipe diameter $\varnothing 50, \varnothing 75, \varnothing 100$

Product height **200 ~ 300mm**

*Pipe thickness **vg1** and **vg2** are compatible*





Height Adjustable

Wall Sleeve M-15

Height Adjustable

Wall Sleeve M-15

To ensure gas piping, ventilation piping, and wastewater piping is routed through walls or ceilings, this product is installed before concrete is placed for the purposes space expansion.

Light and Increased impact resistance strength



*The height is adjustable in 20mm increments between **120~200mm**, **150~270mm** and **200~360mm**.*



Fixing legs to prevent movement to ensure sophisticated construction.



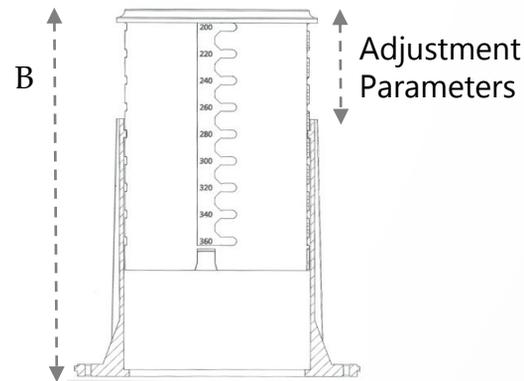
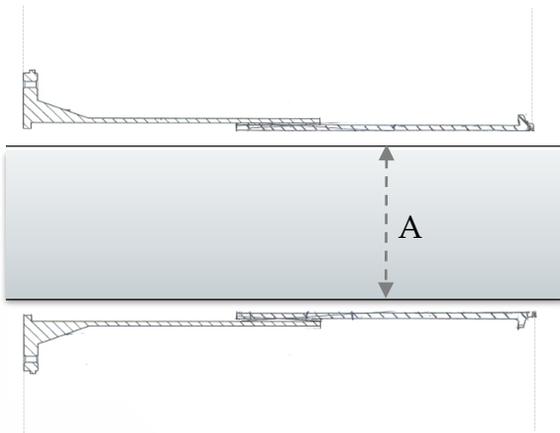
Example

Wall Sleeve

Construction sleeves with height adjustment function

This product allows for immediate height adjustment to match the height of concrete being used at construction sites. This maximizes construction convenience and increases construction efficiency. Using the detailed dimensions on the surface of the product, it is possible to ensure sturdy and accurate construction by matching the required height in increments of 20mm, while also simplifying inventory management by not requiring the individual purchase of numerous sizes to match each possible height.

KTR
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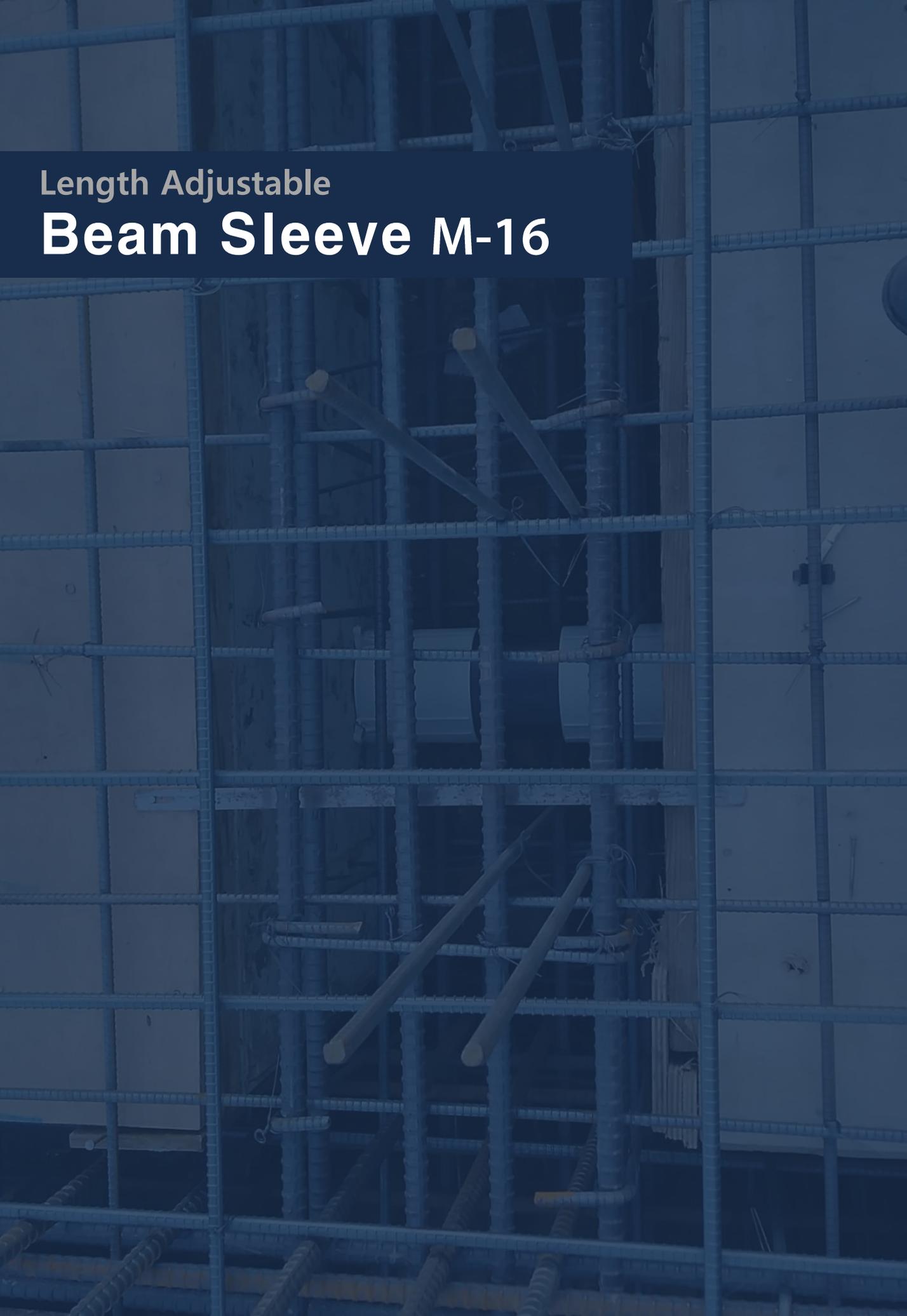
Type	(A) Internal pipe diameter	(B) Height
S	Ø25, Ø35, Ø40, Ø50, Ø75, Ø100, Ø125, Ø150, Ø200	120 ~ 200mm
M	Ø50, Ø75, Ø100, Ø125, Ø150, Ø200, Ø250, Ø300	150 ~ 270mm
L	Ø25, Ø40, Ø50, Ø75, Ø100, Ø125, Ø150, Ø200, Ø250, Ø300	200 ~ 360mm

*Pipe thickness **vg1** and **vg2** are compatible*

Material : PP(Kopelen)

Length Adjustable

Beam Sleeve M-16



Length Adjustable Beam Sleeve

Plastic (PP) sleeves
for use in building columns, retaining walls and crossbeams

M-16



*The height is adjustable in 20mm increments
between **290~510mm**, and **390~710mm**.*

Example on site



Material : PP(Kopelen)

Inner Pipe Diameter: Ø50, Ø75, Ø100, Ø125, Ø150, Ø200



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