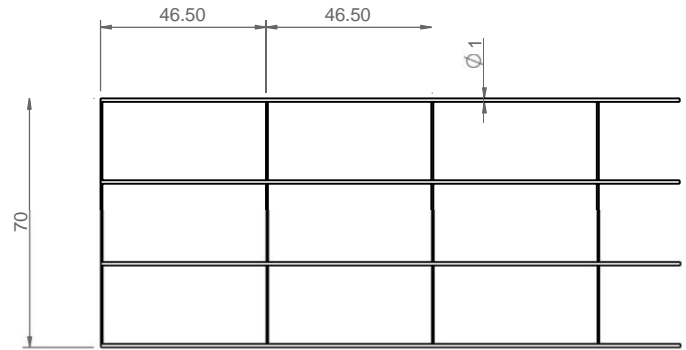




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 PUBLICATION DATE: Sept 2022 v1.02

# Brick Reo 70



Datasheet

## DESCRIPTION

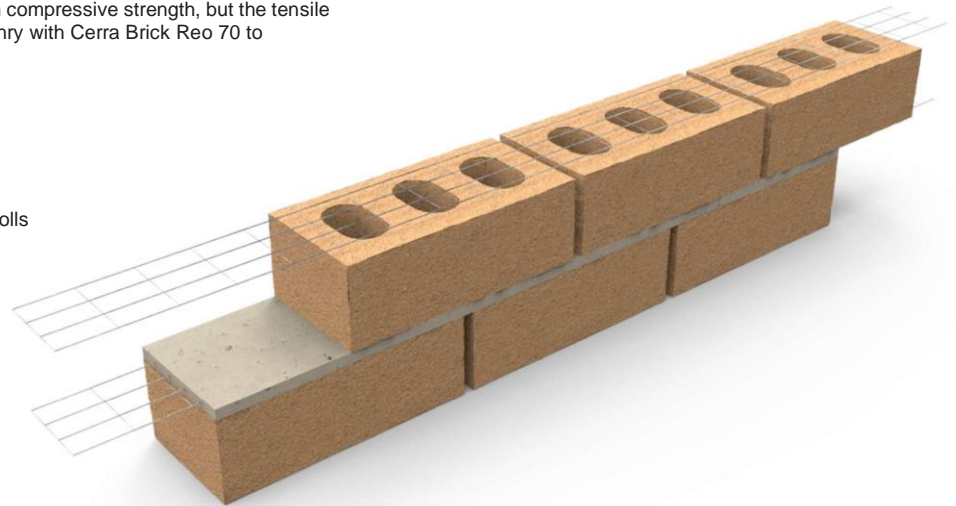
Brick Reo 70 is the standard in masonry reinforcement. Controlling crack formation in masonry is one of the many challenges of a construction project. Masonry has a high compressive strength, but the tensile strength is limited. Reinforce your masonry with Cerra Brick Reo 70 to add strength and prevent cracks.

## FEATURES

- Clay brick / block work
- Universal applications
- Durable and efficient crack control
- Available in easy to handle stack-able rolls
- Increased longevity of walls
- Improved seismic resistance
- Creates greater bond strength
- User friendly and easy to install
- Reduces stress concentrations in walls

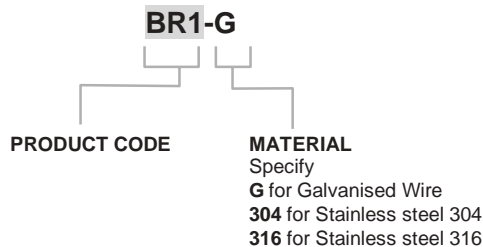
## MATERIALS

- Galvanised Wire
- Stainless steel 304
- Stainless steel 316



## ORDERING INFORMATION

When ordering please supply use with the part number and quantity you require



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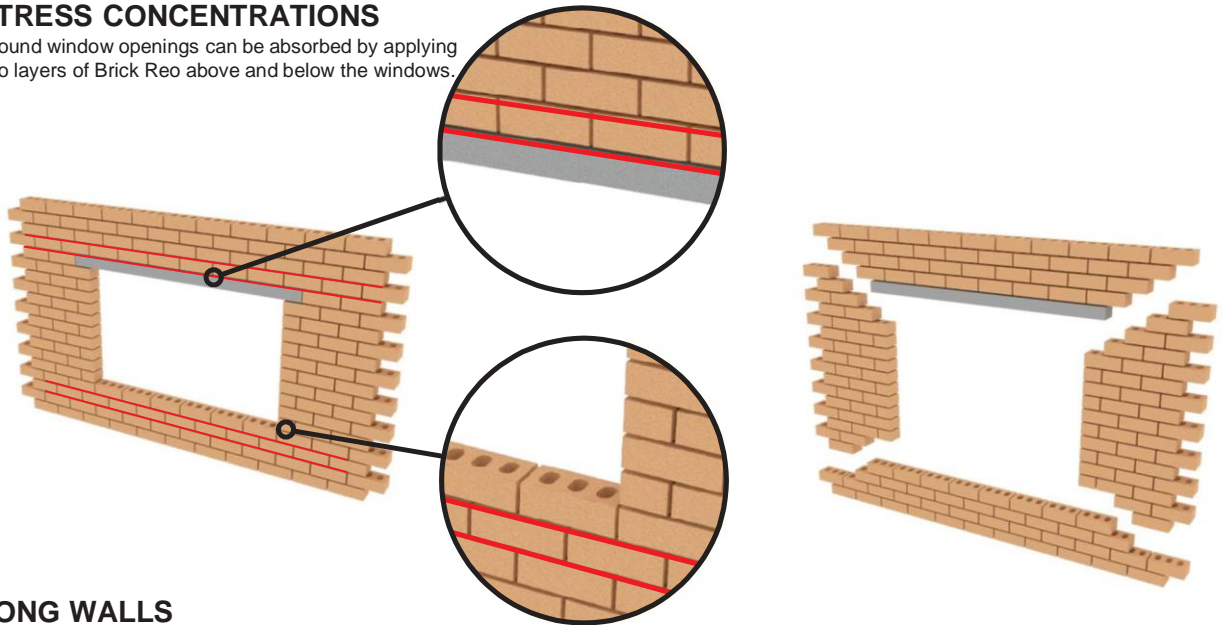
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## Brick Reo 70

### STRESS CONCENTRATIONS

Around window openings can be absorbed by applying two layers of Brick Reo above and below the windows.

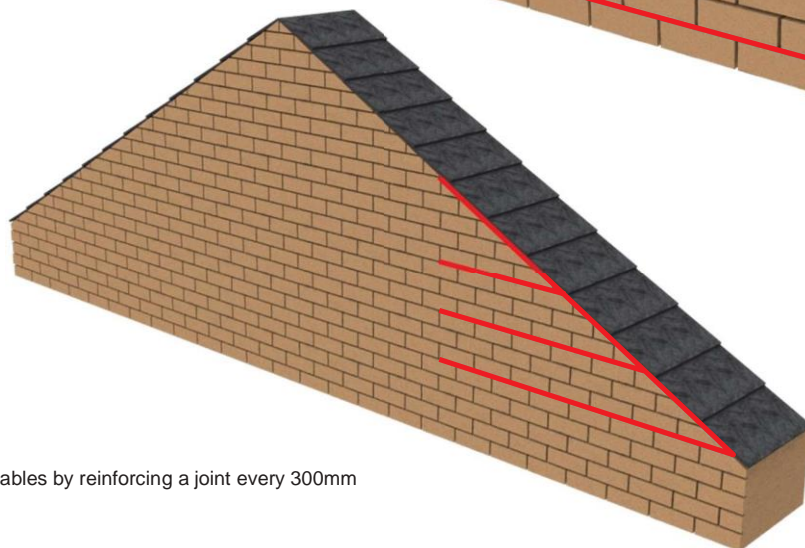
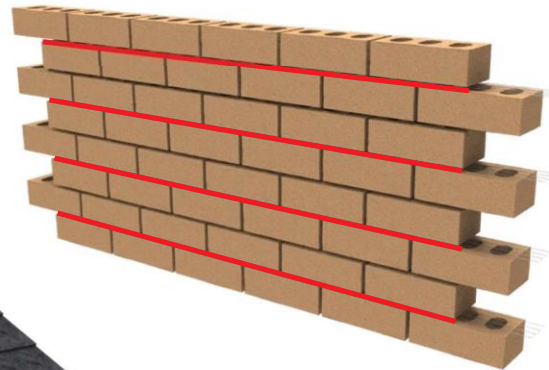


### LONG WALLS

Shrinkage or expansion of materials can lead to cracks in the masonry.

These larger distances are dependent on:

- Type and color of the facing brick
- Type of mortar or glue
- Type of joint
- Age of the bricks
- Orientation
- Temperature at implementation
- Type of obstacle



Gables Improve the stability of gables by reinforcing a joint every 300mm

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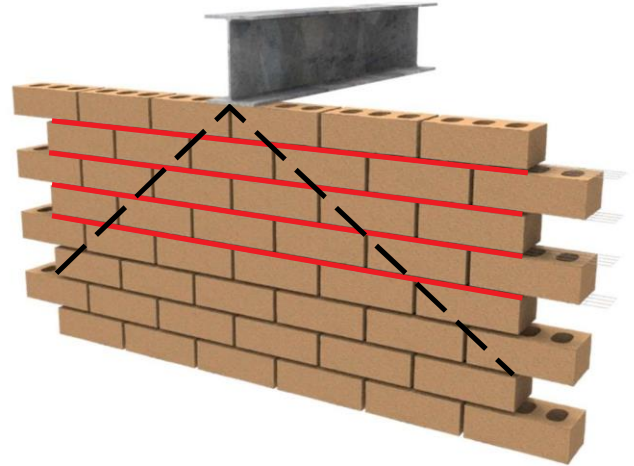


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## Brick Reo 70

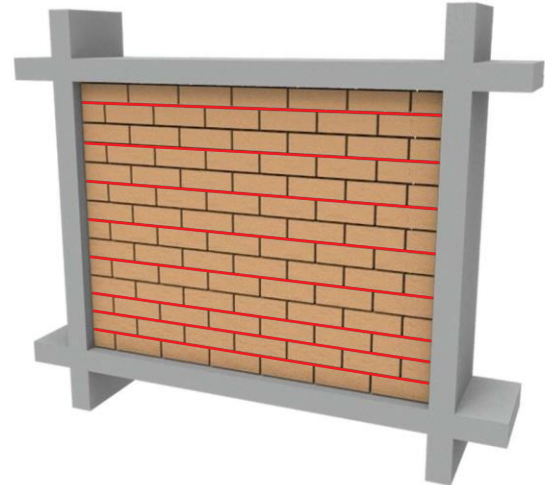
### POINT LOADS

Concentrated loads can cause tensile stress and cracks in the masonry. Depending on the volume of the load, three to five layers of the underlying bed joints.



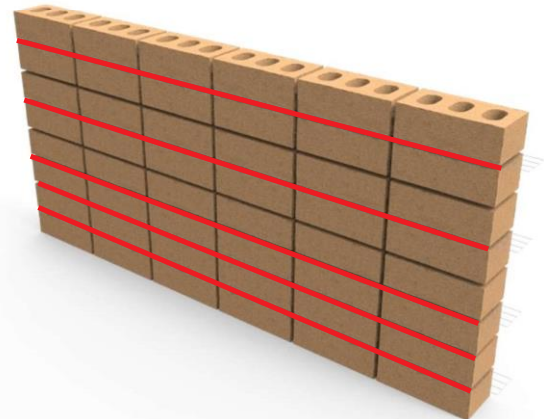
### PARTI WALLS

Parti walls that are laid between slabs will start to crack in different places where there is too much sagging. To prevent this, you can reinforce and isolate the wall from the support with Brick Reo.



### STACK BONDED MASONRY

Brick Reo guarantee's stability of the masonry with and without a stack bond. For masonry with a stack bond, the bricks are placed directly above each other, meaning reinforcement is essential for wall stability. With masonry without overlaps, reinforcement is required to compensate for insufficient bending bonding.



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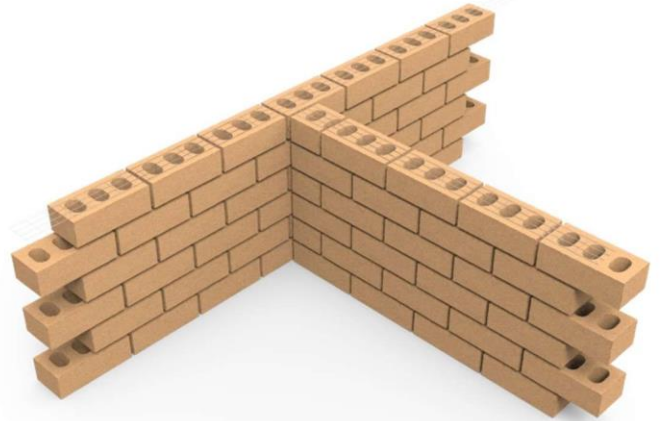




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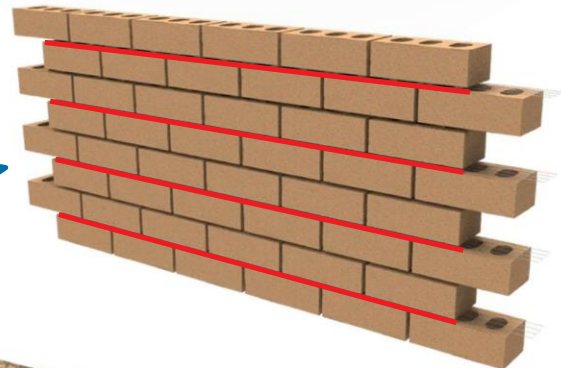
## Brick Reo 70

### CORNER AND T-CONNECTIONS



### LATERALLY LOADED WALL PANELS

Brick Reo allows longer or thinner wall partitions that can withstand high wind loads.



### STRESS CONCENTRATIONS

With level differences  
At wall base  
Above window and door openings  
Under window sills



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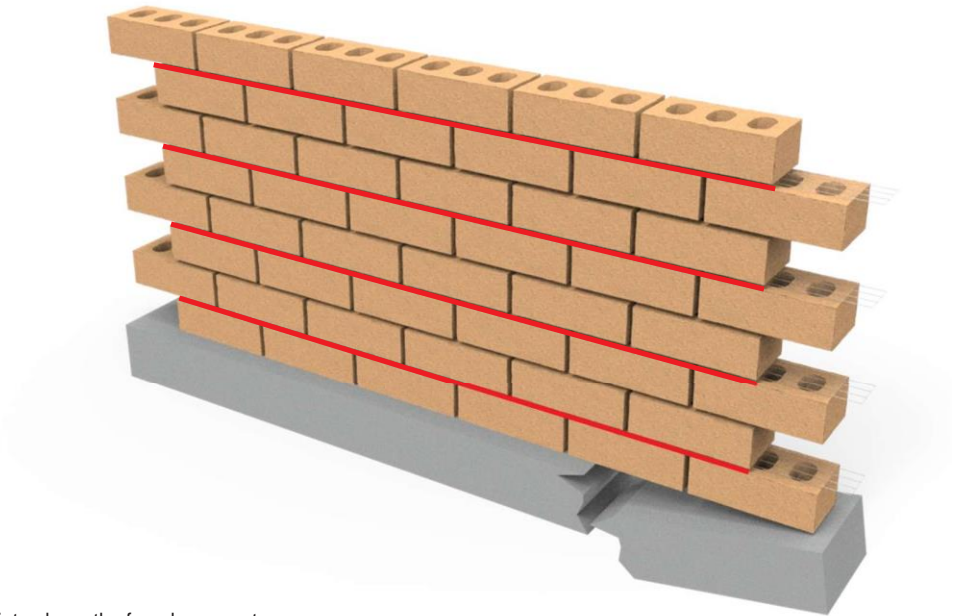
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## Brick Reo 70

### DIFFERENTIAL SETTLEMENT

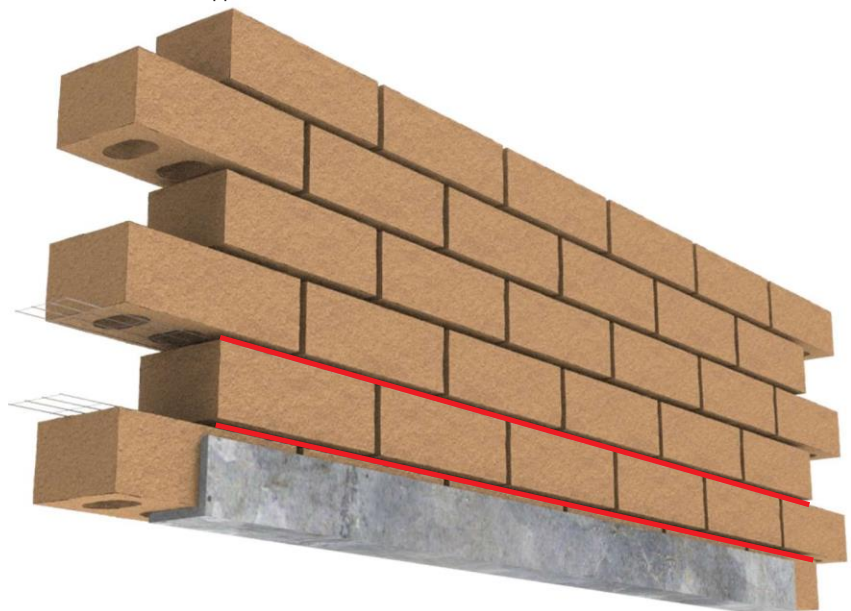
(such as garden walls)

Masonry on partly hardened soil or uneven terrain is susceptible to deformations and stresses. Therefore it is recommended to reinforce the masonry.



### FACADE SUPPORT

Prevent cracks by reinforcing one or two joints above the facade support



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