



# ARGOTEC

Technical Mortar

# REFRACTORY



## DESCRIPTION

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**ARGOTEC REFRACTORY** is a mortar made with special cements, additives and selected aggregates to provide high fire resistance both at early ages and in the long term, as well as good adherence.

## APPLICATIONS

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**ARGOTEC REFRACTORY** is recommended for erecting refractory brick walls with a thin layer for barbecues and chimneys, as well as for rendering and facing.

## SUPPORT

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Supports should be firm, clean and as rough as possible, free of dust, paint, oil, formwork remover, etc.

## METHOD OF USE

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1. Mix with water, manually or mechanically, until a fluid consistency is achieved (17% water) approx. 4.25 l/sack).
2. Proceed with the task.

## PRECAUTIONS

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Do not apply onto gypsum-based surfaces.  
Do not apply at extreme temperatures (below 5 °C or above 35 °C).  
Protect from wind and direct sunlight.

## YIELD

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Approx. 18 Kg/m<sup>2</sup> when applying a thickness of 10 mm.



## PRESENTATION

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25 kg sacks (1000 kg pallet).

## COLOUR

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Grey.

## STORAGE

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In the original container in a covered area, for up to 12 months.

## TECHNICAL DATA

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Mixing water approx. (%):	17
Grain size (mm)	0/1
Apparent density of powder:	1.4
Apparent density when fresh:	1.8
Mix lifetime (mins):	60
Bending strength without heating:	
After 1 hour (N/mm <sup>2</sup> ):	>5.0
After 28 days (N/mm <sup>2</sup> ):	>10.0
Crushing strength without heating:	
After 1 hour (N/mm <sup>2</sup> ):	>7.0
After 28 days (N/mm <sup>2</sup> ):	>25.0
Tensile strength heated to 800 °C:	
After 1 hour (N/mm <sup>2</sup> ):	>4.0
After 28 days (N/mm <sup>2</sup> ):	>6.0
Crushing strength heated to 800 °C:	
After 1 hour (N/mm <sup>2</sup> ):	>4.0
After 28 days (N/mm <sup>2</sup> ):	>6.0