

## Product data YTOCOL masonry cement



### Product description

Designed factory made thin joint mortar for autoclaved aerated concrete masonry blocks for internal and external use in elements subject to structural and non structural requirements.

### Composition

YTONG-YTOCOL thin joint mortar is specially designed for use with YTONG aerated concrete blocks. YTONG-YTOCOL is supplied dry and in pre-mixed 25kg bags.

The mortar has to be mixed for 4 minutes with the quantity of water stated on the bag. This is to ensure that water can mix with all the cement particles. After mixing for 4 minutes a creamy mass should have been created with no dry mortar in the mix.

It remains workable within the bucket for approx. 4 hours

It will reach its initial bond strength within 7 to 10 minutes, and full design bond strength within 28 days.

### Dry bulk density

1.425 +/- 75 kg/m<sup>3</sup>

### Compressive strength

≥ 10,0 N/mm<sup>2</sup>

### Initial shear strength

≥ 0,3 N/mm<sup>2</sup>

### Chloride content

< 0,1 % m/m

### Reaction to fire

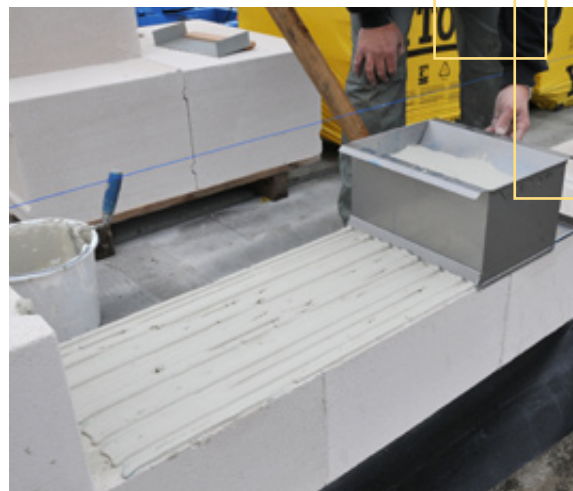
Class A1

### Water absorption

< 0,35 kg/m<sup>2</sup>.min0,5

### Water vapour permeability

5 / 20



### Thermal conductivity

λ = 0,52 W/mK

### Durability (against freeze/thaw)

History has shown, that the mortar has a high freeze/thaw resistance when applied in the intended place of use.

### Bond strength

≥ 0,30 N/mm<sup>2</sup>

### Workable life :

≥ 4 hours

### Correction time:

≥ 7 minutes



# YTONG

## **Other information**

Xella's technical staff are on hand to render assistance with written or telephone enquiries.

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