

# HEGSEL® MegaTile

Acid-Resistant Tiles

*You Build, We Protect!*

Chemical Composition		Dimensions
<b>Al<sub>2</sub>O<sub>3</sub></b>	<b>22 - 24 %</b>	<b>230 x 114 x 25 mm</b>
<b>SiO<sub>2</sub></b>	<b>60 - 65 %</b>	
<b>Fe<sub>2</sub>O<sub>3</sub></b>	<b>1 - 2 %</b>	<b>230 x 114 x 38 mm</b>
<b>PCE</b>	<b>19 - 20 OC</b>	
<b>Alkalies</b>	<b>10 - 12 %</b>	

A variety of shapes and dimensions can be accommodated, based on the specifications provided by clients.

Physical Characteristics ASTM C-279 IS 4860 (Class-I)	Value	Unit
<b>Bulk density</b>	<b>2.2 - 2.3</b>	<b>g/cm<sup>3</sup></b>
<b>Water absorption</b>	<b>&lt; 2</b>	<b>%</b>
<b>Apparent porosity</b>	<b>&lt; 1.5</b>	<b>%</b>
<b>Cold crushing strength</b>	<b>&gt; 78</b>	<b>N/mm<sup>2</sup></b>
<b>Flexural strength</b>	<b>&gt; 20</b>	<b>MPa</b>
<b>Acid resistance</b>	<b>0.5</b>	<b>% Loss in weight</b>

## Main Application

**HEGSEL MegaTile** can be used for floors and equipment in various industries, including chemical and petrochemical plants, steel / copper plants, power plants, fertilizer plants, pharmaceuticals, pulp / paper plants, etc.

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All information contained herein is based on the current state of our knowledge and practical experience at the time of release. Therefore, please make sure that this is the latest edition of the Technical Data Sheet. All data are only intended as a guideline for informational purposes and do not constitute a legally-binding warranty of the suitability for a certain purpose of use, due to its dependence on site conditions and possible processing, use and applications. All information contained in this technical datasheet is subject to change without notice.

**HEGSEL GmbH**

Huttropstr. 60  
45138 Essen  
Germany

Tel: +49 201 17003 270

Fax: +49 201 17003 277

E-Mail: [info@heggel.de](mailto:info@heggel.de)

Web: [www.heggel.de](http://www.heggel.de)