

# Technical Specifications

## Bacel Hardfoam RG22

<b>Manufacturer</b>	Aquaresins Technologies B.V.
<b>Address</b>	Nijverheidsweg 17A, 6651 KS, Druten, The Netherlands
<b>Contact</b>	Tel: +31 (0) 487 - 593 778 <a href="mailto:info@aquaresintechnologies.com">info@aquaresintechnologies.com</a> <a href="http://www.aquaresintechnologies.com">www.aquaresintechnologies.com</a>

<b>Unique producttype</b>	Bacel Hardfoam RG22, in-situ formed void filling foam
<b>Intended uses</b>	Void & Cavity filling
<b>Harmonised Standards</b>	NEN-EN-ISO 844:2001 ASTM E-84-76A Nace code: F43 NEN-EN-ISO 9001:2015 NEN-EN-ISO 14001:2015
<b>Notified bodies</b>	TNO Science and Industry TÜV Nederland Quality Masters
<b>Revision date</b>	09-02-2022

## Components

	Component A - Resin	Component B - Hardener
<b>Trade name</b>	Bacel Resin	Bacel Hardener
<b>Voluminous mass @ 20 °C</b>	1160 kg/m <sup>3</sup>	1020 kg/m <sup>3</sup>
<b>Viscosity @ 20 °C</b>	±55 mPa•s	±50 mPa•s
<b>PH value</b>	7,0 - 7,5	1,8 - 2,3

## Product specifications

	Requirement
<b>Apparent Voluminous mass</b>	≥ 22 kg/m <sup>3</sup>
<b>Durability</b>	The polymer remains stable in dry conditions for at least 150 years after production, subject to proper storage and handling.
<b>Shrinkage</b>	At soil temperatures around 8°C <1,8%
<b>Compressive strength</b>	ISO 844 Method .070 kN/mm <sup>2</sup> >7000kg/m <sup>2</sup>
<b>Temperature resistance</b>	Melting point: 120°C Flammability: Non flammable <25 by ASTM E-84-76A The polymer is non flammable, does not ignite nor burn.
<b>Behaviour during heating</b>	When heating to 70°C the cell structure of the dry foam may not visually change.
<b>Chemical resistance</b>	Resistant against organic solubles, mineral oils and hydrocarbons
<b>Cell structure</b>	73% Open cell structure



---

## BACEL HARDFOAM

The performance of the product identified above, is in conformity with the set of declared performances.

This declaration of performance is issued under the sole responsibility of the manufacturer above.

This Technical Specifications Document in PDF format is available on the Resins Industry / Aquaresins website.

