

Ede (NL), January 2021

Dear Prospect,

Please find below the composition of the material used for the Fydro Baking Stones:

<u>Raw material</u>	<u>Type</u>	<u>Content %</u>
Sand	Quarzsand 0 – 1,5 mm	55 - 59
Cement	CEM I 42,5 R	24 - 28
Microsilica	Puzzolan, SiO ₂	3 - 4
Water	Regular H ₂ O	9 - 11
Pigment	Ironoxyd Fe ₂ O ₃ + Fe ₂ O ₄	1 - 2
Glassfibres	Alkali-resistant, diameter ≥ 12 micron	2 - 3
Plastisicer		0 - 0,5

The above mentioned information may not be disclosed to anyone or any other than the direct addressee without explicit written consent.

Product testing

Based on the applied recipe for the Fydro Baking Stones, the Eurofins Consumer Products Testing GmbH from Hamburg (D) has judged our product 21 November 2011:

“Within the scope of the performed tests there were no reasons found for an objection. Therefore the article has to be regarded as compliant with the German Food and Feed Law (LFGB) and the European Framework Regulation EC (No) 1935/2004.”

In January 2017 Wessling has tested our baking stone and has judged our product:

“Nach Art und Umfang der durchgeführten Untersuchungen entspricht die vorliegende Probe den geltenden Bestimmungen des Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuches (LFGB) und der Verordnung (EG) Nr. 1935/2004.”

Technical properties Fydro Baking Stones

Density		1.850 – 2.100 kg/m ³
Compressive strength (DIN 1045) f _c		≥ 40,0 N/mm ²
Tensile strength (EN 1170-4)	MOR	≥ 12 N/mm ²
Thermal expansion coefficient	α _T	1,0 x 10 ⁻⁵ 1/K
Thermal conductivity	λ	1,0 – 2,0 W/mK
Temperature resistance	°C	≤ 450

If you need more information please contact us.

With kind regards,
FYDRO BV