



## Kiviliim

### Decorative stone binder

- ✓ Ready-to-use
- ✓ Easy to apply
- ✓ For horizontal surfaces



Description	
Properties	<p>Ready-to-use water-based acrylic binder for binding decorative stones on horizontal surfaces.</p> <ul style="list-style-type: none"> <li>✓ Ready-to-use</li> <li>✓ Effectively adheres and fixes decorative stones to horizontal surfaces</li> <li>✓ Odorless</li> <li>✓ Does not change the colour of the stones being processed</li> <li>✓ Suitable for both outdoor and indoor use</li> <li>✓ Weather-resistant</li> <li>✓ Not suitable for sidewalks or high-traffic areas.</li> </ul> <p><b>Stones shape and size:</b></p> <ul style="list-style-type: none"> <li>✓ 4...6 mm rounded</li> <li>✓ 4...16 mm angular</li> </ul> <p><b>Maximum depth of the layer:</b></p> <ul style="list-style-type: none"> <li>✓ Up to 20 mm</li> </ul>
Purpose	<p>Used for bonding decorative fillers and stone coatings to create decorative elements in landscaping and home gardens, such as rock gardens, alpine gardens, gravel gardens and similar projects. Kiviliim acts as a binding agent, allowing the fixation of loose fillers (decorative gravel, crushed stone, stone chips, stone mulch, etc.), preventing them from being washed away by water or scattered due to wind or physical impact. It also maintains high porosity, which promotes water permeability. Suitable for both indoor and outdoor use. After curing, the composition becomes completely transparent and remains so during use. This ensures the natural structure and colors of the mineral fillers remain beautifully visible.</p>
Surfaces to be treated	<p>Marble, gravel, granite, river and sea stones, artificial stones, colored glass, and other materials with a diameter of 4 to 16 mm.</p>
Quality standards	<ul style="list-style-type: none"> <li>✓ Product and service quality is guaranteed by the quality, environmental protection, occupational health and safety management system in accordance with standards ISO 9001:2015; ISO 14001:2015 and ISO 45001:2018.</li> </ul>

Product specifications	
Surface preparation	The surface to be coated must be dry and free from loose sand, dust, and dirt. Excess moisture in the filler material may lead to weak adhesion.
Application	<p>Before use, mix the product thoroughly.</p> <p><b>Mix method:</b> The most efficient approach. Pour the stone adhesive into a container filled with decorative stones (suitable containers include mixing bowls or buckets) and stir for at least 5–10 minutes using a whisk or mixing machine. Mixing must ensure even and complete wetting of the stones with the adhesive. The prepared mixture is applied to the prepared surface, levelled, and compacted using a trowel or spatula.</p> <p><b>Pouring method:</b> Apply the stone adhesive evenly onto the already placed decorative filler using a watering can or sprayer. Pouring/spraying limits the product's penetration into the substrate; therefore, for better results, mix the stones (e.g., using a rake). After applying the stone adhesive, compact the surface using a trowel or spatula. For a stronger coating, it is recommended to apply the stone adhesive in two layers. Apply the second layer after the first one has dried (approximately 3–4 hours later). The stones must be placed on a water-permeable base, which is essential for rainwater absorption. The depth of the treated "stone layer" should not exceed 20 mm.</p> <p>Perform the work in dry weather, preferably not in direct sunlight, drafts, or high temperatures. The optimal air temperature is between +10°C and +25°C, with relative humidity below 80%. Ensure stable dry weather for 2–3 days after treating the decorative coating. In case of rain, protect the fresh coating with waterproof covering material (e.g., plastic film). High humidity (above 80%), rain, dew, or frost hinder drying and reduce the adhesive's binding capability.</p>
Colour	White, becomes colorless after drying.
Dilution	The product is ready-to-use. Do not dilute it!
Consumption	<p><b>Mixing method:</b> 1L of adhesive per 25–50 kg of stones, or 1 part adhesive to 25 parts stones by volume. It's important not to apply too much product (to avoid oversaturation) or too little (to prevent uncovered stones).</p> <p><b>Pouring/Spraying method:</b> Coverage is 6–10 m²/L, depending on the application method and material.</p>
Drying time	The drying time between layers is 3–4 hours for each layer. Full curing takes 48–72 hours at a temperature of +23 °C and relative humidity of 50%. Lower temperatures and higher humidity will prolong the drying time.
Tools	Watering can, sprayer, mixing machine, mixer, trowel, spatula.
Tool cleaning	Wash with soap and water after completing work.
Additional information	
Frost resistance	None.
Storage conditions	Store and transport in a tightly sealed container at the temperature between +5...30 °C. Protect from exposure to freezing and direct sunlight.
Safety precautions	Contains 1,2-benzisothiazol-3(2H)-one, 2-methylisothiazol-3(2H)-one, and a reaction mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one. May cause an allergic reaction. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Waste treatment	Avoid release to the environment. Dispose of the contents/containers in accordance with the current legislation on waste treatment. Waste treatment methods: code 08 01 12- Waste paint and varnish other than those mentioned in 08 01 11, waste class (Regulation (EU) No 1357/2014): non-dangerous
Density	1,03 kg/L
Volume/weight:	1 L – 5 L
<p>The information concerning the product is based on the results of laboratory tests and practical use of the product depending on the location and conditions of its use. As the manufacturer, we guarantee the quality of the product and provide the best recommendations for its appropriate application. As the manufacturer, we cannot control the conditions and circumstances of product transportation, storage and application and numerous other factors that affect its use. Thus, we shall not bear responsibility for the damage caused by ignoring the instructions for use or transportation, by noncompliance with storage conditions and timeframes or by inappropriate application of the product. The manufacturer reserves the right to alter product information at their discretion without prior notice. For additional information, please contact us: <a href="http://eskaro.ee/kontaktid/main_office_contacts/">http://eskaro.ee/kontaktid/main_office_contacts/</a></p>	