

Technical Data Sheet

HECK A² ZF

(A2 reinforcement filler ZF)

HECK A² ZF:	Organic, fibre-reinforced, non-flammable reinforcement filler for HECK insulation systems
Properties:	<ul style="list-style-type: none"> • Non-flammable in the HECK mineral wool insulation system as per DIN EN 13501 • cement-free • Impact resistance: > 15 Joule with a minimum layer thickness of 3 mm • Ready for processing • Easy processing • Can be processed manually or with feed pumps • Fine-grained • Contains lightweight aggregates
Areas of Application:	<p>Suitable for external areas, suitable for plinths.</p> <p>For reinforcing EPS and mineral wool insulation panels in HECK insulation systems It can be used on suitable mineral and organically bonded undergrounds as thin reinforcing compound and as levelling and renovation filler.</p> <p>It is also suitable for attaching the corner and diagonal reinforcements.</p> <p>It must not be overworked with mineral plasters. The user is liable for any other use exceeding these areas of application.</p>
Composition:	Organic binding agents, mineral fillers, aggregates and lightweight aggregates, fibres, additives
Technical Data:	<ul style="list-style-type: none"> • Water permeability (EN 1062-T3) W: < 0.10 kg/(m²h^{0.5}) / W3 low • Water vapour permeability (EN ISO 7783-2): <ul style="list-style-type: none"> - Water vapour diffusion resistance factor μ: < 100 - Diffusion equivalent air layer thickness s_d (m): < 0.5 m / V2 medium (with an application thickness of approx. 4 mm) • Reaction to fire: DIN EN 13501 A2-s1, d0 <p>The specific values indicated are average values and/or approximate values. Due to the use of natural raw materials in our products, the indicated values of individual deliveries may deviate slightly, without impairing the suitability of the product.</p>
Consumption:	<p>Reinforcement: Layer thickness approx. 1.4 kg/m²/mm; application thickness approx. 4 mm</p> <p>Levelling filler: approx. 1.4 – 1.9 kg/m²</p> <p>The precise material consumption is to be determined via a trial application on the object, if applicable.</p>
Plaster Base/ Plaster Base Preparation:	<p>Applying filler on mineral or organically bonded surfaces:</p> <p>All surfaces must have sufficient load-bearing capacity and must be dry, level, clean and free of any residues reducing adhesion. Check the existing coating for suitability and load-bearing capacity. Remove any coating with insufficient load-bearing capacity.</p> <p>Cleaning is recommended. Crumbly or hollow plaster or any loose remnants of paint as well as algae and fungus must generally be removed. Hollow joints, imperfections in the brickwork and larger recesses shall be levelled with suitable material before the actual plaster application. HECK A² ZF is not suitable for levelling larger imperfections.</p> <p>Pretreat substrates with sandy, chalky, highly absorptive, mineral or organically bonded surfaces with Rajasil TG W (Rajasil Tiefengrund W, Rajasil deep-penetrating primer W).</p> <p>Reinforcement on insulation panels:</p> <p>The (dry) insulation panels must be installed evenly and tightly pressed; open insulation panel joints must be closed with equivalent insulation material and/or HECK PU foam B1; any possibly existing grinding dust must be removed. Profiles, dowels, joint sealing tapes and plastering strips as well as corner and diagonal reinforcements must be attached.</p>
Processing temperature and surface requirements:	<p>Day and night temperature at least +5°C.</p> <p>Moist or insufficiently cured substrates may lead to damage, e.g. formation of bubbles, cracks in the adjacent coatings.</p>
Application:	<p>Reinforcement on EPS or mineral wool insulation panels</p> <p>Application thickness: approx. 4 mm</p> <p>Stir the filler material briefly using a power stirrer and adjust it to the desired application consistency (max. 500 ml) by adding water. Use a stainless steel trowel/toothed trowel to apply it to the insulation panels with the corresponding thickness. Subsequently, embed the HECK AGG FINE (fine reinforcement mesh) in the upper half of the reinforcement layer (at least 10 cm mesh overlapping) and, if applicable, skim it while it is still wet. The reinforcement mesh must be completely covered with the filler material.</p> <p>For the subsequent application of thin-layered finishing plasters, the surfaces is levelled with the stainless steel trowel.</p>

Application:	Before applying the finishing plaster, depending on the weather, a minimum drying period of 24 hours is to be observed. In the event of cool/wet weather, e.g. with high humidity, longer drying periods may be required. In such case, protect façades against rain, e.g. by means of tarpaulins.
Secondary treatment:	Until it is cured, the newly applied filler material should be protected against excessively fast dehydration (sun, wind, high temperatures), frost and rain. In the event of high humidity (approx. 90% and more), the curing process is slowed down. During this period, the plaster is to be effectively protected against moisture and rain.
Finish:	HECK SHP (silicone resin render), HECK KHP (synthetic resin render) or HECK SHP FP (silicone resin architrave render)
Notes:	<ul style="list-style-type: none"> • Observe the HECK processing guidelines • Immediately clean tools with water after their use
Safety Instructions:	If product gets on skin, wash it off with soap and water (never use solvents!). If product gets in eyes, thoroughly rinse with plenty of water and seek medical advice. Ensure good ventilation, do not smoke, eat or drink while working. If swallowed, immediately consult a doctor. Wear suitable protective gloves. Keep product out of the reach of children. For further information, see safety data sheet.
Storage:	In a cool and frost-free place; storage duration 12 months in the original container. Tightly close open containers and process them as soon as possible. Protect them against heat and direct sunlight.
Delivery type:	Bucket with 20 kg
Quality Control:	Internal and external production monitoring
GISCODE:	M-DF02



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