

Product overview



Vulkafarm mineral

Mineral sub-substrate for farmed garden areas.

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Vulkafarm organic

Mineral-organic universal substrate for farmed garden areas.

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Vulkafarm plus

Mineral-organic universal substrate with an enriched organic content.

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Roof



Lawn



Tree



Farm



Tub



Interior



Pond



Building



Vulkafarm mineral

Mineral sub-substrate for farmed garden areas.

Details:

- Lava and pumice as base components
- No layer thickness restrictions
- Very well suited for permanent plantings
- Vulkafarm mineral is not fertilized, but can on request be mixed with fertilizer
- Deliverable in sacks, big bags, bulk materials or from a silo truck

Composition:

Natural product (igneous stone mixture) consisting of augite, olivine, magnetite, limonite and biotite

Application areas:

- Roof greening
- Tubs
- High beds
- Balcony boxes
- urban farming
- Soil replacement in the event of poor soil conditions
- Mixing component with poor soil conditions

Additional information:

- Certificates
- Product data sheets

This additional material is available for download at:

www.vulkatec.de

	0-12
Grain size (ϕ in mm)	
Particle size distribution (percentage of total mass in %)	
Blowable components	≤ 10
Fine/medium gravel	30-60
Volume weight (t/m ³)	
Delivery condition DIN EN 1097-3	0.95-1.00
At max. water capacity, compacted	1.40-1.60
Water/air balance, compacted	
Maximum water capacity	20-30 vol. %
Water permeability mod. K _f	0.60-150 mm/min
pH value	6.8-7.5
Salinity	0.1-1.5 g/l



Vulkafarm[®] organic

Mineral-organic universal substrate for farmed garden areas.

Details:

- Basic components: lava, pumice, sand and compost, on request also with peat
- Suitable for permanent plantings
- Vulkafarm 0-4 can be lain up to 45 cm thick Vulkafarm 0-8 can be lain up to 35 cm thick
For greater laying thicknesses, Vulkafarm mineral can also be used as a mineral sub-substrate
- Vulkafarm 0-4 and 0-6/8 are not fertilized, but can on request be mixed with fertilizer
- Deliverable in sacks, big bags or as bulk
- Vulkafarm 0-4 can also be delivered from silo trucks

Composition:

Natural product; Eruptive stone mixture, consisting of augite, olivine, magnetite, limonite, biotite, clays of various types, enriched with compost

Application areas:

- Roof greening
- Tubs
- High beds
- Balcony boxes
- Soil replacement in the event of poor soil conditions
- urban farming

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	0-4	0-6/8
Grain size (ø in mm)		
Particle size distribution (percentage of total mass in %)		
Blowable components	10-20	10-20
Fine/medium gravel	20-40	20-40
Volume weight (t/m ³)		
Delivery condition DIN EN 1097-3	0.80-0.90	1.00-1.10
At max. water capacity, compacted	1.25-1.40	1.60-1.85
Water/air balance, compacted		
Maximum water capacity	45-55 vol. %	40-50 vol. %
Water permeability mod. K _f	0.3-20 mm/min	0.6-20 mm/min
pH value	6.5-7.2	6.8-7.5
Salinity	0.5-1.0 g/l	0.5-1.0 g/l





Vulkafarm® Plus

Mineral-organic universal substrate for kitchen garden areas with enriched organic content.

Details:

- Lava, pumice, sand and compost as base components.
On request also with peat
- Can be laid up to 35 cm thick.
In the case of larger laying thicknesses, Vulkafarm mineral can be used as a sub-substrate
- Not suitable for permanent plantings
- Compared to Vulkafarm 0-8 it has a higher water retention capacity and an improved nutrient buffering = reduced maintenance requirements + faster growth for many crops
- Vulkafarm 0-8 Plus is not fertilized, but can upon request be mixed with fertilizer
- Deliverable in sacks, big bags or as bulk

Composition:

Natural product; Eruptive stone mixture, consisting of augite, olivine, magnetite, limonite, biotite, clays of various types, enriched with compost and/or peat

Application areas:

- Roof greening
- Tubs
- High beds
- Balcony boxes
- Soil replacement in the event of poor soil conditions

Additional information:

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Grain size (ø in mm)

0-6/8

Particle size distribution

(percentage of total mass in %)

Blowable components	10-20
Fine/medium gravel	20-40

Volume weight

(t/m³)

Delivery condition DIN EN 1097-3	0.95-1.10
At max. water capacity, compacted	1.60-1.85
Runoff curve number C	

Water/air balance, compacted

Maximum water capacity	45-60 vol. %
Water permeability mod. K _f	0.3-15 mm/min

pH value

6.0-7.5

Salinity

0.5-1.0 g/l