

## Key Benefits

Patented formula

Provides greater and longer lasting protection against algae and fungi

Biocide-free – kinder to the environment

Can be applied by machine or hand

Top coat and paint are available in a wide range of matching colours

Allows savings on maintenance cost in the long term

KML100180

Speak to one of our dedicated Exteriors Sales and Technical Team members for more information on the product and for our sample service.

Or visit: [www.knauf.co.uk](http://www.knauf.co.uk)

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# KNAUF

## Knauf MineralAktiv



### New generation of render system for renovations and new builds

Advanced moisture management providing added protection against algae and fungal growth

Biocide-free formulation ensuring the render lasts longer and is kinder to the environment

Available in an extensive range of colours

**Build for the world we live in**

## Product Characteristics

**Knauf MineralAktiv is an exterior render system, which provides advanced protection against algae and fungi on the façade of a building. It is ideal for buildings constructed in areas where algae and fungal growth is common.**

The range consists of a top coat and a paint which can be used independently or in combination for maximum protection.

The top coat is through coloured, and available in a grain size of 1.5mm as standard.

The 230 colours can be found in the Knauf Colour Concept Chart.



	Top Coat	Paint
Tub size	25kg	12.5ltr
Shelf life	18 months	18 months
Estimated coverage	10.4m <sup>2</sup> /tub	69m <sup>2</sup> /tub for single coat
Water absorption	W2	W2
Water vapour permeability	V1	V1

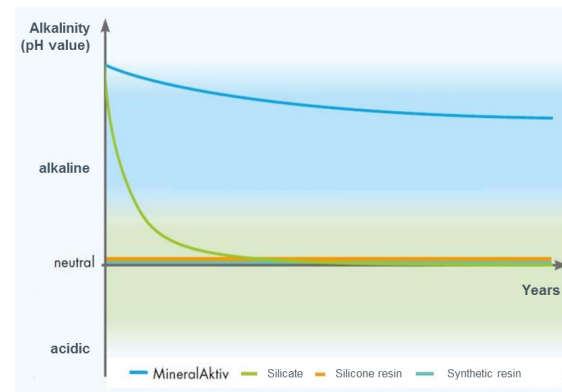
## The Technology

**Algae and fungi require a source of water and close to neutral pH conditions to develop. Knauf MineralAktiv provides three features which counteract the growth of algae and mould.**

### 1. Hybrid binder with no biocides

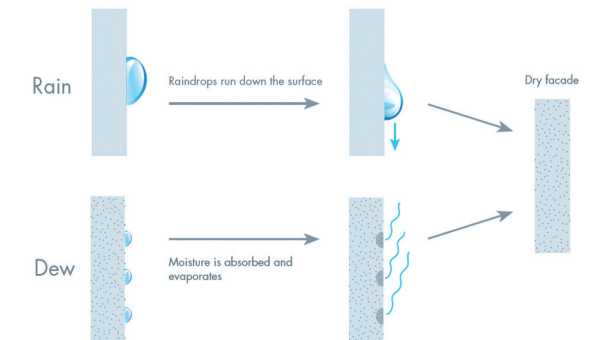
Most products rely on biocidal ingredients to provide protection against algae and fungal growth. Over time, with precipitation, biocides are washed off the façade of a building leading to the product being less effective. This is not the case with Knauf MineralAktiv.

Knauf MineralAktiv contains a long-lasting hybrid binder that maintains high alkalinity for years. It is this technology that gives the system its efficacy and ensures a longer lasting protection against algae and fungi. It is also kinder to the environment as no biocides run off the façade, which could be harmful to the environment.



### 2. Advanced moisture management

Knauf MineralAktiv is moderately water absorbent enabling moisture to penetrate the surface, and it is also highly vapour permeable which allows moisture to evaporate. Less water reduces the chances of algae and mould developing.



### 3. Incorporated infrared (IR) absorber

The incorporated infrared (IR) absorber allows the temperature of the surface to rise, which increases the evaporation rate minimising the available moisture that algae/fungi require to develop.