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Knauf Moldshield Plasterboard

Knauf Moldshield plasterboard is specially developed for high humidity indoor areas. Other than moisture resistant treatment, both gypsum core and paper facing are formulated for mold resistance.

Mold and Your Health!

Institute of Medicine (IOM) found the sufficient evidence to link indoor exposure to mold with upper respiratory tract symptoms, cough, and wheeze in otherwise healthy people; suggestive evidence linking indoor mold exposure and respiratory illness in otherwise healthy children.

Quoted from CDC



Mold Growth

Knauf Moldshield

Production specification

Appearance : Green Paper Liner
 Edge Detail : Taper Edge (TE) 
 Thickness : 12*1220*2440mm
 Weight = 8.8kg/m²
 Density = 730kg/m³
 Thermal Conductivity = 0.16w/mk
 Asbestos Content: None
 Standard: EN520 - Type A&H
 BS476 Part 4, 6, 7
 ISO 9001

Moldshield



Mold Prevention Tips

- Keep humidity levels as low as you can—no higher than 50%—all day long.
- Be sure your home has enough ventilation.
- Use quality building materials and follow manufacturer instructions for renovation works.

Low Water Absorption Rate

The low water absorption rate of moldshield helps to reduce the possibility of mold growth.

German Technology to Prevent Mold Growth

When tested to ASTM G21-13, samples were free from test organisms. Knauf Moldshield achieved score of 0, the best possible score.

Test Organism(s)	Concentration of spores (spores / mL)	Level (after 28 days)
Aspergillus niger ATCC 9642	1.0 x 10 ⁸	Grade 0
Penicillium pinophilum ATCC 11797		
Aureobasidium pullulans ATCC 15233		
Chaetomium globosum ATCC 6205		
Trichoderma virens ATCC 9645		

Note:

According to ASTM G21-13 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi, observed fungi growth rating on the specimens include:

- 0-None
- 1-Traces of growth (less than 10%)
- 2-Light growth (10 to 30%)
- 3-Medium growth (30 to 60%)
- 4-Heavy growth (60% to complete coverage)

