

Ask Jon Eakes

LOOSE FILL BLOWN IN: MINERAL WOOL

Last Updated: Thursday, March 28th, 2013, Created: Thursday, October 14th, 1999

Common Name: Rock Wool loose fill.Colour: Brown or whiteThermal Resistance: RSI - .019/mm R - 2.7/in. FairCost: Medium plus blower.Capacity to dry out if wet: Good.Fire Resistance: Excellent.Fungus / Vermin Resistance: Good to excellent.Limitations: -- Skin irritant: wear long sleeve shirts and cotton masks. -- Heavy: may compress other insulation or overload weak ceilings. -- Requires professional blowing equipment and experience to obtain proper density. -- Fibers prevent good flow in closed spaces; difficult to fill all parts of a wall, although easier than with blown-in Glass Fiber. -- Can settle -- Low R value per inch.Advantages: -- Very high resistance to fire. -- Little air current penetration.Notes: -- Ensure that it does not plug eave vents at the time of installation and that it does not blow over the vents later with normal attic air currents.Applications: --Attics and unobstructed closed cavities, but for limitations search keyword "walls" for the title "CONFLICT: USE OR DON'T USE BLOWN-IN LOOSE FILL INSULATION INSIDE HOLLOW WALLS."

Keywords:

R-Value, Types, Insulation

Article 798

www.joneakes.com