

LOOSE FILL BLOWN IN: CELLULOSE

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Common Name: Cellulose Fiber, ground up newspapers.

Colour: Grey or white.

Thermal Resistance: RSI - .025/mm R - 3.6/in. Good

Cost: Lowest plus blower. (The only blowers that can be rented by homeowners)

Capacity to dry out if wet: Fair to poor

Fire Resistance: Good to Fair (Borax can leach out)

Fungus / Vermin Resistance: Fair

Limitations: -- Will usually settle. -- Exposure to water can bleed out fire and bug additives. -- Absorbs water easily and can become heavy and caked. -- Very dusty to work with. -- Not accepted by CMHC for use below ground level.

Advantages: -- Fills difficult enclosed spaces very well; the short fibers move with the air flow, find and plug air leaks. -- At proper densities it is a good air barrier. -- Because it blocks air leaks, it is a very good sound barrier. -- Normal water vapour passage will not affect the chemical additives. -- Requires smaller holes than other blown-in insulations. -- Only blown-in insulation that you can install yourself with rented equipment.

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 any enclosed cavity above ground level, such as walls, roofs and floors -- but for limitations read "CONFLICT: USE OR DON'T USE BLOWN-IN LOOSE FILL INSULATION INSIDE HOLLOW WALLS."

Keywords:

R-Value, Types, Insulation