

Bitroc.

Bitroc is produced from wood fibre taken as waste chips, saw dust and off-cuts from sawmills.

The production processes converts this waste material with the addition of natural bitumen, waste news print and water into a board material.

Health Hazards.

There are no particular hazards to health caused by contact other than to take care when lifting to avoid injury.

Bitroc weighs approx. 280 kg/m³

Bitroc 2400 x 1200 x 22mm	Weights 17.74 kgs per board
Bitroc 2400 x 1200 x 15mm	Weights 12.09 kgs per board

Provide dust extraction (also known as local exhaust ventilation or LEV) at woodworking machines to remove dust before it can get breathed in. Keep the extraction and collection system maintained to make sure it continues to work efficiently.

Ensure that any adverse health affects are picked up early. i.e. do your employees have

Recurring soreness or watering of eyes?

Recurring blocked or running nose?

Bouts of coughing?

Chest tightness?

Wheezing?

Breathlessness?

Do the symptoms improve at weekends or during holidays?

Dust or fibers in the eye should be rinsed out thoroughly with saline solution and if irritation persists then qualified medical advice be sought.

Fire and explosion hazards.

There is no risk of explosion associated with the products in its solid form, although processors should ensure that fine dust is not allowed to build up round machinery to avoid the risk of dust explosion.

Formulation of Bitroc

Wood	72% - 77%
Aluminium Sulphate	approx. 1%
Water	2% - 7%
Bitumen	approx. 20%
Formaldehyde	<0.01mg/m ³