

NEW PRODUCT OPPORTUNITY

LIGHT WEIGHT, NON-COMBUSTIBLE, MINERAL FOAM WITH WASTE FLAX FINES.

Description: This newly patented, light weight, nanocomposite Mineral Foam provides a perfect substrate for the manufacture of a wide range of products from Fire Door Cores to Laboratory furniture or other products where a very low combustibility is required by fire codes or by consumer demand.



The sample shown above provides many significant benefits:

- Lightweight: final density can range from 24 to 35 lb/cu.ft. (Water weighs 62.5 pcf)
- Structural foam – Rigid substrate with compressive strength from 250 to 700 psi.
- Very Low flame spread rating – ULC-S102/ASTM-E119 = 0
- Provides Fire Resistance Rating – ULC-S101/ASTM-E119 – 45 min to 1-hour per inch of thickness
- Excellent substrate for lamination of decorative or finish surfaces.
- LEED Friendly – very low GHG produced from raw materials & production
- GREEN Product: The use of flax fines (waste fibre) adds to the green appeal of the product.
- Cost effective: Lighter and less expensive than many gypsum based products.
- Flexible size and shapes: Wet slurry sets up to whatever size and shape of the form used.
- Licensing Opportunities available.
- US & Canadian patents issued and pending

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