

ENVIRONMENT DECLARATION

PRODUCT

Name	Gustafs Panel System
Type	BF-panels. Panels for covering walls and ceilings indoors.
Manufacturer	Gustafs Inredningar i Dalarna AB
Produced in	Gustafs, Sverige

CONTENTS DECLARATION, percentage by weight

Gypsum	81 %
Wood Chips	12 %
Wood, edge strips and veneer	3 %
Water	2 %
Kraft paper	1 %
Adhesive	1 %
Laquer	< 0,3 %

Total thickness 12,6 mm
- Of which Gypsum 12,0 mm

woodchip board

PRODUCTION Existing emission to the air from gluing and lacquering is less than the stipulated concession agreement. Bi-products of wood and paper are used for energy, Gypsum is disposed of in accordance with environmental regulations.

DISTRIBUTION For transport of raw materials and finished products, car and boat transportation is used. Finished products are distributed directly to the building site. Packaging consists of wood and cardboard. Wood pallets are re-used.

CONSTRUCTION PHASE When fixing, there are no emissions harmful to the environment. The fixing is made with electrical hand tools. Any Gypsum and woodchip dust is collected and disposed of in accordance with environmental regulations.

USAGE PHASE No environmentally dangerous emissions occur when managing and maintaining Gustafs Panel System. No energy is needed for the usage of the panels. The lifespan is estimated at more than 30 years.

INNER ENVIRONMENT An emission test has been made. The sample was placed in FELD (Field and Laboratory Emission Cell). Result after 4 weeks:
Emission factor, TVOC < 10 µg/(m² x h). No individual substance had an emission level higher than 5 µg/(m² x h).

DEMOLITION No environmentally dangerous emissions occur at demolition.

BI-PRODUCTS When demounted, the aluminium profiles can be re-used. Wood batons are used for energy and panels are deposited.