

Obtainment of health and environmental data – Manufacturer's declaration

- The form shall be filled out by the manufacturer. See also document "Obtainment of health and the environmental data – Information to manufacturer".
- If a system consists of several components, individual forms shall be filled out for each component. The form shall be filled out by the component manufacturer.
- **Chemical compounds shall be stated even if the amount added lies under the limit value for declaration.**

Technical Approval - Number	2511
Technical Approval - Name	ArcaFlex Husmoduler
Technical Approval - holder	ArcaFlex AB
Name of component (shall be given if the system consists of several components)	Gyproc Protect F
Manufacturer of component (shall be given if the system consists of several components)	Gyproc AB
Date (completion of declaration)	18.03.2013
Declaration has been completed by (Name and company)	Ivan Mårtensson Gyproc AB

Effect on indoor air	No	Yes	Comments
Is the product used inside the vapour barrier or is it a part of the vapour barrier?		Yes	It is use for interior applications
Has the product been tested with regard to emission of substances to indoor air?		Yes	The emission reports are confidential. This product has been approved as belonging to emission class M1 for building materials by The Building Information Foundation RTS in Finland. The classification certificate is attached.

Effect on soil and ground water	No	Yes	Comments
Can the product come in direct contact with soil or water?		Yes	This product is 92% made of gypsum and recycled paper. None of the additives in the product are classified as dangerous.
Has the product been tested with regard to release of substances to soil or water?	No		

Effect on drinking water	No	Yes	Comments
Can the product come in contact with drinking water?	No		
Has the product been tested with regard to migration of substances that may give ordure, flavour or cause health hazards?	No		

Content of chemicals hazardous to health and the environment ¹⁾	No	Yes	If "Yes", then substance name CAS number and quantity shall be given.	Comments
Compounds listed on the Priority List of Hazardous Substances ^{[1]?}	No			
Compounds listed on the ECHAs Candidate List ^{[2]?}	No			
Compounds that are listed in in Annex XIV of REACH or compounds that are recommended for inclusion in Annex XIV of REACH ^{[3, 4]?}	No			
Compounds listed in Annex XVII of REACH ^{[5]?}	No			
Compounds that are regulated in the Product Regulations ^{[6]?}	No			
Compounds that are regulated in the Regulations on the use of chemicals in the workplace ^{[7]?}	No			
Biocides ^{[8]?}	No			
Gases that contribute to climate change ^{[9]?}	No			
Flame retardants?	No			
Compounds that are labelled with a hazard symbol ^{[10]?}	No			
Compounds that are not labelled with hazard symbol ^{[10]?}	-	-		Product recipe is confidential.

1) Chemical compounds shall be stated even if the amount added lies under the limit for declaration.

Disposal	No	Yes	Comments
Can the product be sorted on the building site?		Yes	It should be sorted as gypsum residual for recycling
Is there an arrangement for product return?		Yes	Gyproc AB and partners offers a
Is the product suitable for material recycling at end of life?		Yes	100% recyclable at end of life
Is the product suitable for energy recycling at end of life?	No		
Must the product be deposited at end of life?	No		It should be recycled
Products that hardens or dries: must unhardened/wet product be handled as hazardous waste? ^[11]			N/A
Does the product contain substances that makes it hazardous waste (at end of service life)?	No		

Environmental declaration - EPD	No	Yes	Comments
Has an environmental declaration been worked out for the product/component?		Yes	NEPD nr: 225E – Document is attached The Norwegian EPD Foundation EPD-Norge This product is produced in Sweden and Norway plants. The Swedish EPD is under verification, if needed the unverified LCA analysis can be supplied.

Signature	
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References

- [1] List of Priority Substances. Substances that the Norwegian authorities want reduced or eliminated. <http://www.environment.no/Topics/Hazardous-chemicals/Hazardous-chemical-lists/List-of-Priority-Substances/>
- [2] ECHA Candidate list. Substances of very high concern (SVHC). <http://echa.europa.eu/web/guest/candidate-list-table>
- [3] Annex XIV to REACH. List of substances subject to authorisation [http://echa.europa.eu/regulations/reach/legislation, under heading "REACH Legal text – \(Most recent\) REACH consolidated version"](http://echa.europa.eu/regulations/reach/legislation, under heading).
- [4] Chemicals Recommended for Inclusion in the Authorisation List, Annex XIV to REACH. <http://echa.europa.eu/web/guest/addressing-chemicals-of-concern/authorisation/recommendation-for-inclusion-in-the-authorisation-list/authorisation-list>
- [5] Annex XVII to REACH. Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles. [http://echa.europa.eu/regulations/reach/legislation, under heading "REACH Legal text – \(Most recent\) REACH consolidated version"](http://echa.europa.eu/regulations/reach/legislation, under heading).

- [6] Product regulation. Unofficial English translation:
http://www.klif.no/seksjonsartikkel____30217.aspx.
Norwegian: <http://www.lovdatab.no/for/sf/md/xd-20040601-0922.html>
- [7] Regulations on the use of chemicals in the workplace (in Norwegian only).
<http://www.lovdatab.no/cgi-wift/ldles?doc=/sf/sf/sf-20010430-0443.html>
- [8] Biocide directive. http://ec.europa.eu/environment/biocides/pdf/dir_98_8_biocides.pdf
- [9] Kyoto protocol to the United Nations Framework on Climate Change (UNFCCC), see Annex A of the protocol. http://unfccc.int/kyoto_protocol/items/2830.php
- [10] European chemical Substances Information System (ESIS). <http://esis.jrc.ec.europa.eu/>
- [11] Waste regulation. Unofficial English translation:
http://www.klif.no/seksjonsartikkel____30216.aspx. Norwegian: <http://www.lovdatab.no/for/sf/md/xd-20040601-0930.html>