



COMMITTEE FOR VOLUNTARY  
APPROVAL OF DAMPNESS INSULATION  
AND BRIDGE FLOORING OF CONCRETE BRIDGES

**Requirements for product control:**

Unless otherwise specified between builder and contractor, analytic data per 1500m<sup>2</sup> of insulated area corresponding to 10 ton Flexigum and 1 ton COAGULANT, is drawn up. Requirements for analytic data leaflet for sole components and insulating material must contain the following:

**Insulating material**

Properties of material	Testing method	Unit	Component	Requirements
pH value	-	-	Flexigum	> 8,5
Water content	EN 1428	weight%	Flexigum	44-50
Viscosity, 4mm. 20°C	SV 45.4-1989	sec.	Flexigum	4-6
Drying time <sup>1)</sup>	SV 45.4-1989	min	Flexigum	50-70
*IR-specter	pr. SV 10.11 93	-	Flexigum	as approved
Density, 20°C	DIN 51 757	g/cm <sup>3</sup>	COAGULANT	1,042-1,085
Cold resistance <sup>2)</sup>	SV 45.7-1989	°C	Flexigum+COAGULANT	<-10
Content of ash	SV 10.7-1989	weight%	Flexigum+COAGULANT	1,0-1,6

- 1) Drying time is determined for an amount of 300 g/m<sup>2</sup>
- 2) Testing is performed on testing pieces stored minimum 30 days at 23±2 °C after test construction.

Provided that the product is livered in accordance with the voluntary agreement concerning recipient control of materials for dampness insulation and coating of concrete bridges, FOMK accepted by Banedanmark and Vejdirektoratet (road directorate), the agreement is valid as for the regulations of product control. By this the building owner's demand for identification control is annulled.

**Recommended identification control commissioned and paid by the building owner:**

As product control. In case that analysis data for a batch excide the limitations of claim, a dispensation can be granted in certain cases by applying to the chairperson at UFS (at the time of the preparation of this document: Vibeke Wegan at Vejdirektoratet).

**Labeling:**

The marking of products included in the document for type approval, must encompass:

- Producer
- Name of production
- Place of production
- Batch number
- Size of batch
- Production date
- Conditions for storing and transport

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- Keeping qualities (provided correct storing)\*
- Conditions for application (temperature of foundation etc.)
- Labeling in accordance with the regulations set by the ministry of environment
- Reference to document for type approval by indicating date of signature for the Document\*

\* Can possibly be stated in the leaflet containing the analysis data

Signature

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Vibeke Wegan

1 March 2010, for UFS

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