

# SWEDISH TECHNICAL APPROVAL

**0343/94**

and decision on production control in accordance with chapter 8, 22 and 23 §§ Planning and Building Act (2010:900), PBL

## SWEGON Cleanolon<sup>®</sup> duct insulation for internal insulation

Holder	Saint-Gobain ISOVER AB, SE-267 82 Billesholm Tel: +46 42 840 00, Fax: +46 42 844 52, E-mail: isover@isover.se, Internet: www.isover.se, VAT number: 556048-9931.	
Information supplied by	SWEGON AB, Box 979, 671 29 Arvika, tel +46 570 844 40. SWEGON AB, Industrigatan 5, 273 35 Tomelilla, tel +46 417 198 00	
Product	SWEGON AB Cleanolon <sup>®</sup> is an insulation product of non-combustible glass wool or stone wool batts, with a factory-applied surface layer of blue glass cloth mass per unit area 150 g/m, SWEGON Cleanolon <sup>®</sup> C or a surface layer of perforated aluminium with fibre glass mesh, mass per unit area 89 g/m <sup>2</sup> , SWEGON Cleanolon <sup>®</sup> Al.	
	Density: Glass wool: 27 - 115 kg/m <sup>3</sup> Stone wool: 40 - 150 kg/m <sup>3</sup>	
Intended use	Internal insulation of rectangular ventilation ducts, mufflers, air treatment units and duct components.	
Trade name	SWEGON Cleanolon <sup>®</sup> C and SWEGON Cleanolon <sup>®</sup> Al.	
Approval	The products satisfy the requirements set forth in chapter 8, 4 § 2 and 3 PBL, in respect to and under conditions stated in this certificate, and are therefore approved in accordance with the provisions of the following sections of the Building Regulations (BBR), issued by the National Board of Housing, Building and Planning and regulations:	
	Air treatment installations, general	5:533
	Material	6:11
	Micro-organisms	6:24*
	Cleanability	6:254, 1st sentence**

*\*An air treatment unit must have filters of at least class F7.*

*\*\*The insulation must not be installed in ducts that carry air which contains greasy or sticky compounds, eg in evacuation ducts.*

*Steel brushes must not be used when cleaning. Insulation with a surface layer of aluminium can be carefully cleaned with a soft plastic brush.*

*When installing batts with visible joints between them, sheet metal profiles must be used. The profiles must overlap the surface layer by at least 20 mm. Where the joints are hidden, at least 20 mm of the surface layer must always be covered. Where there is a risk of the insulation hanging down, washers without projecting pins must be used, AGM type or equivalent.*

Associated documents

Associated document 0343\_94, dated 2013-03-25.

Control

Production control is to be performed in accordance with instructions for control dated 02 June 2006. An independent inspection body audits the control.

Control agreement: Ref. No. 210-99-0716.

Inspection body: SP Technical Research Institute of Sweden.

When the building proprietor performs inspection at the building site, he shall check the markings to ensure that the correct products have been supplied and that they are used in accordance with the requirements stated in the approval and the associated documents. He must also check that the product is accompanied by a manufacturing assurance, which certifies that the product has been manufactured in accordance with the documents on which this certificate is based.

Manufacturer

Production control includes the following site:  
Saint-Gobain ISOVER AB, Billesholm.

Marking

The products are to be marked at the factory. The marking consists of a text on every packing supplied and includes:

Approval holder/Manufacturing site

Boverket's registered trademark

Certification body and accreditation number

Product type designation

Approval number

Consecutive manufact.No./date of production

Inspection body

**Saint-Gobain ISOVER AB, Billesholm**



**SP SITAC 1002**

**e.g. SWEGON Cleanolon® G-65-C\***

**0343/94**

**number/date**

**SP**

*\*G=glass wool, 65=density and C=surface coating*

Basis for approval Reports P205241, ETsP104168, 96K21571A, 92E40130, 93K10512 B and D, 93R211347A, F405302, F516263, P604623 from SP and statement dated 1996-03-11 from SP.

Comments Insulation is CE- marked in accordance with EN 14303.

This approval supersedes the previous certificate with the same number dated 02 June 2008 and with project number T300064-03.

Period of validity This approval is valid until 01 June 2018.

The formal validity of an approval expires after the transitional period for the harmonised specification that makes it possible to CE-mark the product. However, the technical assessment showing that the product fulfils the requirements in the building regulations, issued by the Swedish National Board of Housing, Building and Planning, is not affected.



Ingvar Pettersson



Kasem Bjelevac





Datum/Date  
2013-03-25

## Produktbeskrivning samt projekterings- och monteringsanvisningar för SWEGON Cleanolon®-produkter såsom värme- och kondensisolering samt ljuddämpning.

### Produktbeskrivning

SWEGON Cleanolon®-produkter finns med två ytskikt och följande densitetsintervall:

SWEGON Cleanolon®: Glasväv (blå) / perforerad – aluminiumfolie- belagd glas eller stenullsskiva med densitet:

Glasull: 27-115kg/m<sup>3</sup>

Stenull: 40-150Kg/m<sup>3</sup>

Produkternas exakta specifikation framgår av produktnumret, tex.

**SWEGON Cleanolon® G-65-AI:** (**G**=glasull, **65**=densitet och **AI**=ytbeklädnaden).

Densitet är produktens vikt i kg/m<sup>3</sup> utan ytskikt.

**AI** = perforerad aluminiumfolie, **C** = glasväv

### Användningsområde

Invändig termisk isolering och ljuddämpning i ventilationskanaler, ljuddämpare, aggregat och ventilationskomponenter.

### Användningsområde

Ytskiktet får kontinuerligt utsättas för temperaturer mellan –30 och +50°C

### Montering

Cleanolon®-skivorna monteras och fästs i produkterna enligt leverantörens (SWEGON) typritning för respektive produkt. Inga hål eller revor får förekomma i ytbeklädnaden.

Kanaler, ljuddämpare eller inneklimatprodukter förses med märkning enligt exempel:

Denna produkt är isolerad med SWEGON Cleanolon®  
Typgodkännande nr. 0343/94  
Produkten kan rensas med roterande plastviskor.

(Skylt med gul botten)

SWEGON Cleanolon® AI kan även rengöras med våtmetod.

Lufthastigheten bör ej överstiga 12 m/s