

SWEDISH TECHNICAL APPROVAL

0155/06

The product described below and production control has been found to comply with Building Regulations of the National Board of Housing Building and Planning (BBR) with reference to and under conditions described in this approval.

Technoelast K-YS 5500, Roof covering

Holder	TechnoNicol Vyborg Ltd., pos.im.Kalinina Leningradskaya obl. Vyborg, RU-188804 RUSSIA Tel: +7 81378 39090 , Fax: +7 81378 39091, E-mail: sales@vbg.tn.ru, Internet: www.tn.ru, VAT Number: 4704058276
Product	Technoelast K-YS 5500, single layer waterproofing membrane with a composition of polymer modified bitumen (SBS) on a reinforcement of polyester. The topside is covered with slate granulate.
Intended use	The membrane is designed for roof covering of new constructions and for renewal of old felt coverings. It's applied by mechanical fastening and welding of joints or by means of strip welding/bonding when applicable.
Approval	The product has been found to meet/s the requirements in the following sections of the Building and/or Construction Regulations of the National Board of Housing, Building and Planning (BBR):

Roof safety, protection against slipping	8.241 (third paragraph)
Fire technical properties-	
Roof covering class B _{ROOF} (t2), (Klass T)	5.22
Moisture, general	6.51
Moisture, moisture safety, roofs and attic spaces	6.5325

The product has also been found to meet/s the requirements in the certification rule CR 001 "Roof coverings" and fulfils according to this rule tightness class TKY-A-0234. This means that the product is approved for application on the following substrates:

Approval
cont'd

- Non-combustible substrates with a density $\geq 110\text{kg/m}^3$ and with compressibility $> 60\text{ kPa}$ (EN 826)
- Combustible substrates with a density $\geq 510\text{kg/m}^3$ and with compressibility $> 60\text{ kPa}$ (EN 826)
- Wodden substrate with a density $\geq 480\text{kg/m}^3$
- Lightweight concrete or foamglass
- Old roof covering on mineral wool, wood, lightweight concrete, concrete or foamglass

Associated
documents

“Taktäckningssystem med Technoelast K-YS 5500”, dated 2006-12-14

Control

Production control is to be performed in accordance with instructions for control with reference VTT-V-14201-06 dated 24 November 2006. An independent third-party body, VTT, audits the control.

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:
Technicol Vyborg LTD, RU-188804 Vyborg RUSSIA

Marking

The product is to be marked at the factory. The marking consists of a label on every product supplied and includes:

Approval holder and manufacturing site
P-mark
Certification body
Product type designation
Approval number
Properties
Consecutive manufacture No/date of production
Inspection body

TechnoNicol, Vyborg Ryssland
SP SITAC
Technoelast K-YS 5500
0155/06
TKY-A-0234 *
date
VTT

**Previously TY-234 AB*

Basis for approval Report RTE4060/05, RTE2250/05, VTT-S-2248-11, VTT-S-09206-10 and VTT-S-10397-06 from VTT. Report F616096 from SP Technical Research Institute of Sweden.

Comments Work with this product shall be carried out by contractors with sufficient know-ledge of this roofing system. In case of mechanical fastening, the fastening must be designed and a fastening plan shall be drawn up. Wind load effects are to be deter-mined according to National Board of Housing, Building and Planning's handbook "Snow load and Wind action". Corrosion aspects and the substrates condition must be taken in consideration. The appurtenant documents for the building site shall be supplemented by construction drawings prepared for each building project on the basis of appurtenant documents for design. The supplementary construction drawings, the approval certificate and the appurtenant documents for building site shall be available on the building site during construction and inspections.

This approval supersedes the previous certificate with the same number dated 24 June 2010 and with project number PX906051.

Period of validity This approval is valid until 12 December 2016

A handwritten signature in blue ink, appearing to read 'Johan Åkesson'.

Johan Åkesson

A handwritten signature in blue ink, appearing to read 'Håkan Thiman'.

Håkan Thiman