Treteknisk

NA Accredited laboratory

NORWEGIAN ACCREDITATION TEST 021

Laboratory report

Client:	Kiilto Oy
Description of work:	Approval of Kiilto Kestopur 1010 (PUR) according to EN 15425 clause 5.2, 5.3, 5.5 and 5.6.
Report no.:	325019-LM01
Report issued:	2008-08-20

Treteknisk

Treteknisk
P.O. Box 113 Blindern, NO-0314 Oslo
Phone: +47 22 96 55 00

NORWEGIAN ACCREDITATION TEST 021

Laboratory report – accredited testing

No.: 325019-LM01

Test items received:	Date of testing:	Date of issue:
2009-03-30	2009-07-31	2009-08-20
Testing done by: Stian Engebretsen	Reported by: Stian Engebretsen	Responsible: Per Lind

Customer:	Kiilto Oy
Project title:	Testing of Kiilto Kestopur 1010
Project no.:	325019
Test method:	Testing of adhesives for load-bearing constructions according to NTI procedures PM501, PM502, PM504 and PM518 based on EN 302-1, EN 302-2, EN 302-4 and EN 15416-2
Deviations from method:	No deviation
Appendix no.:	325019-LM01-1 EN302-1 tensile shear thin glue line 325019-LM01-2 EN302-1 tensile shear thick glue line 325019-LM01-3 EN302-2 delamination 325019-LM01-4 EN302-4 wood shrinkage 325019-LM01-5 EN15416-2 deformation under static load

Summary

Polyurethane (PUR) adhesive Kestopur 1010 was received from Kiilto Oy. Samples were glued and tested according to NTI procedures PM 501, PM 502, PM 504 and PM 518.

The tested adhesive meets the requirements in EN 15425.

Extent of testing

The one component polyurethane (PUR) adhesive Kestopur 1010 was supplied by Kiilto. Samples were glued and tested according to NTI procedures PM 501, PM 502, PM 504 and PM 518 based on:

EN 302-1: Determination of bond strength in longitudinal tensile shear.
EN 302-2: Determination of resistance to delamination.
EN 302-4: Determination of the effects of wood shrinkage on the shear strength.
EN 15416-2: Determination of resistance to deformation under static load.

Sampling

Cans of adhesive was sent to NTI by Kiilto Oy in March 2009.

Identification of samples

The adhesive cans were identical, and were labelled "Kestopur 1010".

Pre-treatment of samples

The containers were turned/shaken before gluing.

Results

The Kiilto polyurethane adhesive Kestopur 1010 meets the requirements in EN 15425 clause 5.2, 5.3, 5.5 and 5.6.

Further details can be found in appendix.

Uncertainty

The equipment used has an accuracy equal to or better than the requirements given in the standard that the internal method of the laboratory is based on.

Information about uncertainty calculation can be given by the laboratory.

Validity

The validity of the results in this report includes only the samples that are tested according to the description under "identification of samples".