



TANALISED CLEAR is a **new choice** for pressure treated timber. Protected with TANALITH M, a metal free wood preservative, the treated timber has a **natural, clear and bright appearance** that lasts much longer than untreated timber or thermally treated timber.

Designed for exterior, uncoated, out of ground contact applications (**cladding, decking, shingles, timber buildings, playground timbers**), the treated timber is protected against decay and insect attack, with a desired service life of up to 30 years.

This document shows the weathering performance of **TANALISED CLEAR** pressure treated timbers from field trials conducted by both Arch and independent sources.



PRESSURE TREATED TIMBER

Weathering Performance

Castleford Site Field Trials

A test deck, constructed from TANALISED CLEAR and Keyword components, was established at Arch's Castleford site in early September 2010. The redwood TANALISED CLEAR treated components are still looking clean and bright with no sign of staining.

Please Note: Keyword timbers were used on the back section of the deck.



Castleford test deck - Newly completed, September 2010



Castleford test deck - 7 months exposure, March 2011



Castleford test deck - 10 months exposure, June 2011





PRESSURE TREATED TIMBER

Weathering Performance

Castleford Site Field Trials



Castleford test deck - 16 months exposure, December 2011

EcoBuild Field Trials Sweden

EcoBuild, part of the independent SP Technical Research Institute of Sweden, started exterior trials of test rigs of various treated timbers in April 2009.

The TANALISED CLEAR treated rig has a superior performance to the other rigs in terms of appearance.

“A remarkable observation is that the TANALISED CLEAR product treated rigs more or less still have their original appearance and they have not got the typical greyish colour of untreated, thermally treated and CCA treated wood after 2 years exposure.”



Tanalised Clear treated
2 year exposure



Tanalised Clear treated
2 year exposure



Untreated
2 year exposure



Untreated
2 year exposure



TANALISED
CLEAR

PRESSURE TREATED TIMBER

Weathering Performance

MPA Eberswalde Materialprüfanstalt, Brandenburg, Germany

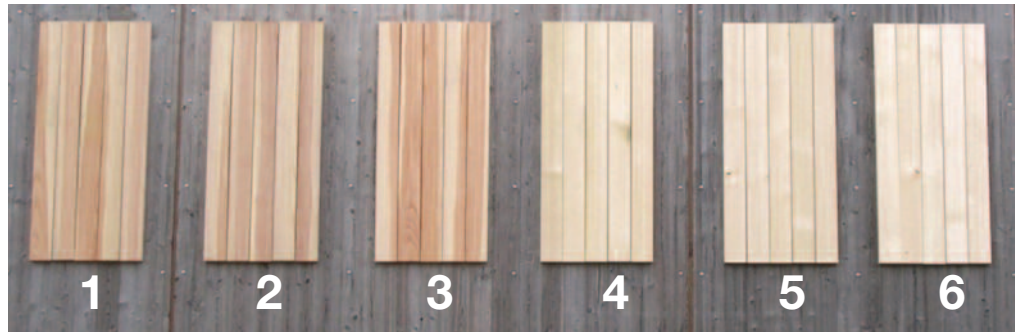
This independent trial started in May 2010 after the disappointing performance of the untreated larch cladding on the facade of their own research laboratory. This greying product is still in place in the background of the photos.

Both larch and spruce timbers have been trialled as untreated, standard Use Class 3 treated and TANALISED CLEAR treated samples.

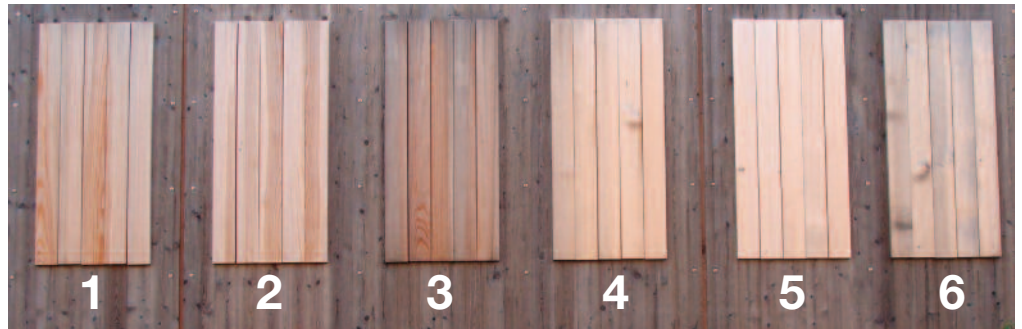
After 18 months exposure the results of the TANALISED CLEAR protection are still very encouraging.

1. Larch - Standard Use Class 3 treatment
2. Larch TANALISED CLEAR
3. Larch Untreated

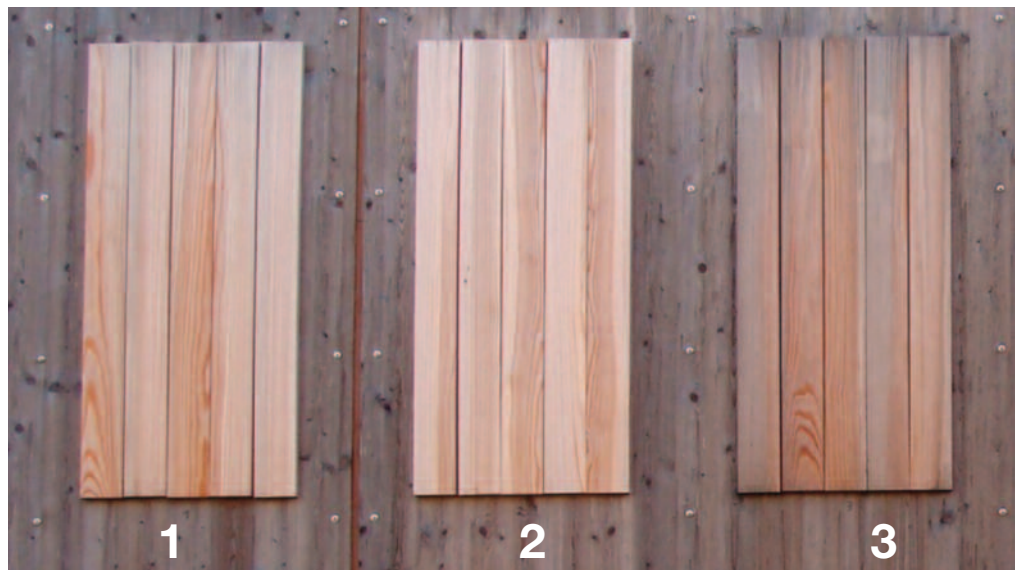
4. Spruce - Standard Use Class 3 treatment
5. Spruce TANALISED CLEAR
6. Spruce Untreated



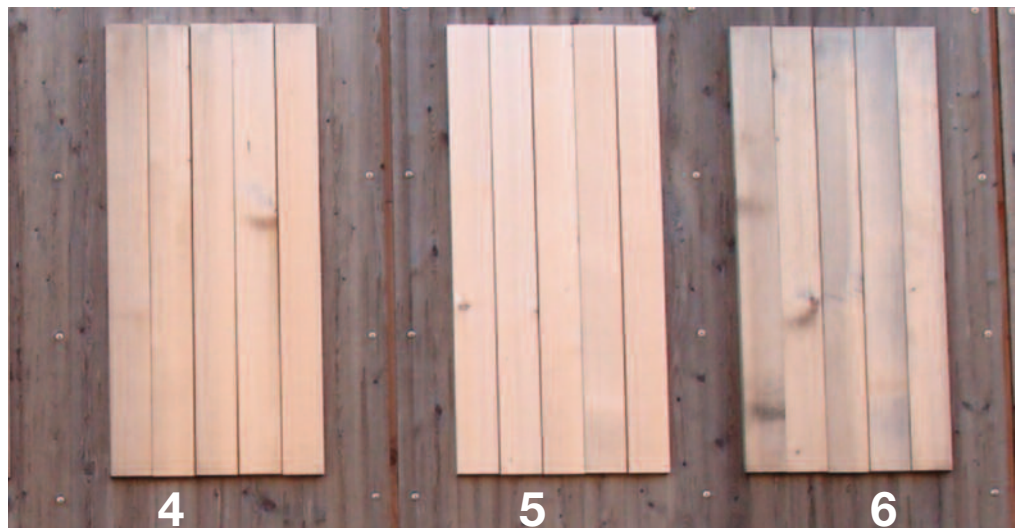
All products - start of trial, May 2010



All products - 18 months exposure, November 2011



Larch - 18 months exposure, November 2011



Spruce - 18 months exposure, November 2011