



DURABLE, STABLE & SUSTAINABLE

KEY
FEATURES



DIMENSIONALLY
STABLE



OUTSTANDING
DURABILITY



PERFECT
FOR COATING

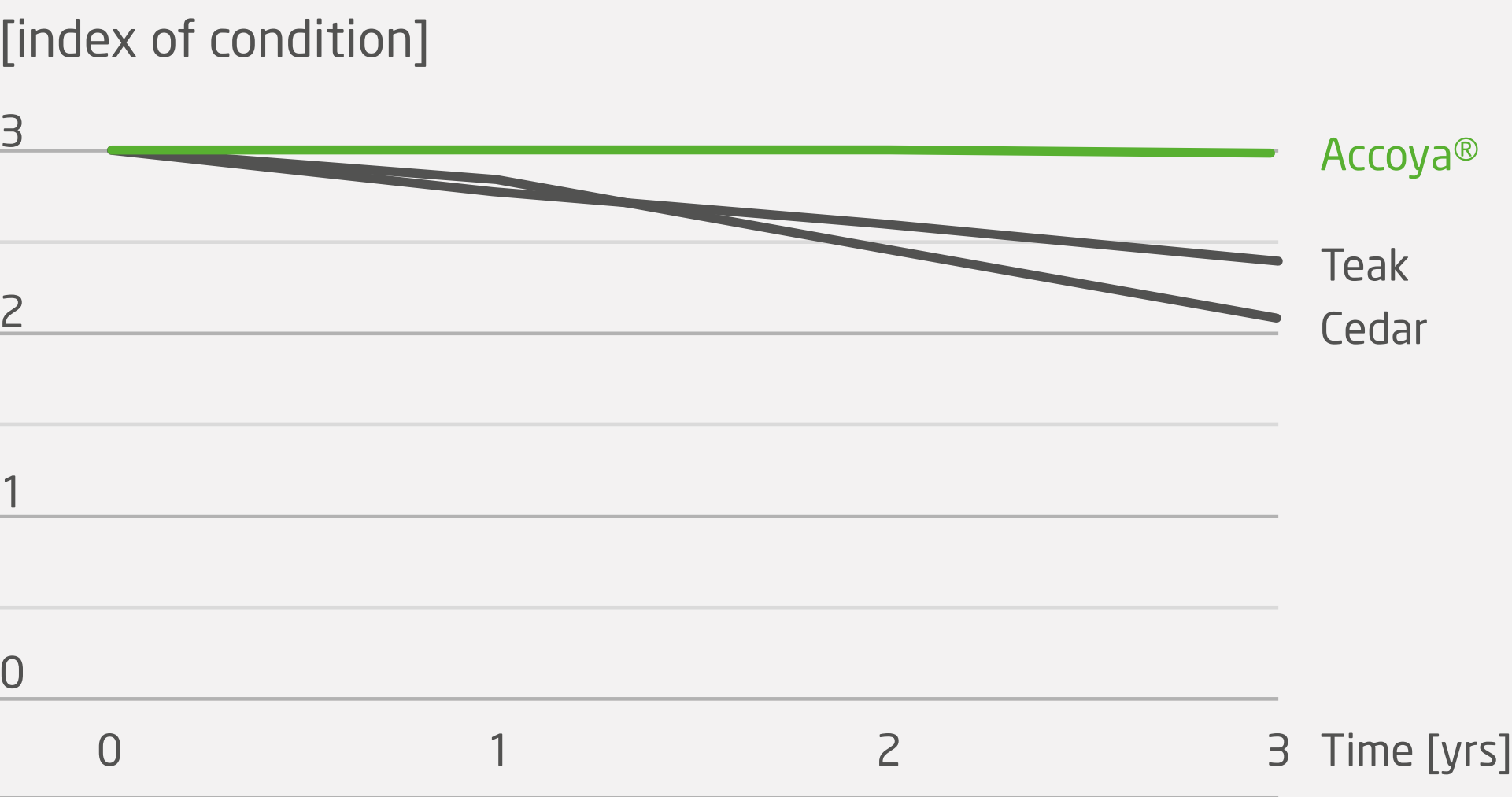


DURABILITY TEST – SCION

Scion tested the durability of Accoya® wood against other naturally durable and preservative treated timbers.

The harsh test-run exposed timbers in accelerated decay chambers and in exterior ground contact tests at the Whakarewarewa site. The tests have run for 10 years and show Accoya® performing better than teak, merbau, cypress, cedar and H3.2 (above ground, uncoated horizontal) and H4 (in ground coated) preservative (CCA) treated timbers, proving that Accoya® merits the highest possible durability classification.

DECAY RATED FIELD STAKES



Decay/insect damage rating system (based on ASTM D 175B)
0 = Failed
1 = Deep and severe decay, more than 50% of the cross section
2 = Extensive and deep decay, 30-50% of the cross section
3 = No decay or insect damage



DECKING SAMPLE

L-JOINT SAMPLE

7-YEAR COATING TEST AT TEKNOS – BM TRADA

A weathering test was set up by Teknos (UK) Ltd, a leading coating supplied to the factory applied window, door and cladding industry across Europe. The test began in March 2009 to obtain natural weathering performance data on coatings and the influence of end grain sealing, profile design and timber substrate. Coatings performance on Accoya is being compared to that on Western red cedar and Siberian larch.

After 7 years of natural exposure, the Accoya® boards have exhibited the best performance and have shown excellent stability, which has served to significantly reduce splitting and fissuring at board ends, prevented distortion and fissuring around fixings as well as extending the expected service life of the coating.

Coated boards made from Western red cedar and Siberian larch are now in need of significant maintenance whereas the Accoya® boards are yet to show any significant deleterious effects of weathering after seven years and suggests this is likely to be an important factor in the overall reduction of maintenance frequency and costs.



CLADDING SAMPLE

CLADDING SAMPLE