Karndean Designflooring

PRINCIPAL CHANGES TO AS 1884

Floor coverings – Resilient sheet and tiles – Installation practices
In respect to Karndean LVT, Flotex Sheet, Coral Brush Activ & Pedigree Smokey

AS 1884 – 2012 Effective as from 27th June 2012

ITEM	As 1884: 1985	AS 1884: 2012	APPLICABLE SECTION & REMARKS
Plywood Acceptance as an Underlayment	Not mentioned	Now provided as an option to hardboard – min thickness 6mm	3.2.6.4
Particleboard aka "Yellow Tongue"	Acceptable as a substrate	No longer allowed as a direct substrate – if used it must be overlayed with hardboard or ply using stapes and construction cement	3.2.6.5 Previously Karndean relied only on our own LVT installation instructions
Manufacturer's care & maintenance instructions will form part of the manufacturer's warranty requirements and be supplied to the end-user	Whilst care & maintenance was covered in detail the link to manufacturer's warranties was not previously stated.	Detailed care & maintenance of resilient floors removed and replaced by the statement under "Item" in left hand column.	4.3
LVT Exposure to prolonged high temperatures 28c+. Example sunlight or around a heater	Not governed	2-part polyurethane adhesive must be used to prevent previous softening of water based adhesive leading to tile curling or separation	5.6.1
LVT installation: exclusive segment	Not mentioned	Now provided for	5.6
LooseLay Installation – Sheet, Plank & Tile: exclusive segment	Not mentioned	Now provided for	5.7
Importance of preconditioning LVT and/or loose-lay flooring for 24 hours prior to installation	Not mentioned	Now provided for	5.6.1 5.7.2

Testing for dampness in concrete slab	Two options were offered in old Appendix A (i) Electrical Resistance test or (ii) Hygrometer test	Both previous tests considered out of date and inaccurate due to changes in slab construction technology – replaced by "F2170, RH In-Situ Probe Test", as the default test. Value must be <75% RH	Appendix A plus specific to A3.1.1. Now completely re-written, including new testing equipment and values. This is the new default test.
As above, but when the slab has either (i) security wiring (ii) underfloor heating cables or (iii) has been treated with a 'preventative moisture suppressant' example "Moisture Fix".	Not governed	Now added to Appendix A as a new test called "F2420 RH Surface Mounted Insulated Hood Test" for use in these circumstances because these slab inclusions can distort F2170 results. Value must be <75% RH	Appendix A plus specific to A3.1.3. Back in 1985 underfloor heating was in its infancy and security cabling and moisture suppressants did not exist.
Test for dampness for timber substrates	Not included in Appendix A	Now added to Appendix A Testing procedures are found for timber in AS/NZS 1080.1, for Ply in AS/NZS 2098.1	A3.2 Range must be within 10% to 14% RH
Appendix B testing for the alkalinity of a concrete slab by measuring it's pH level	Appendix B did not exist	Now added because new concrete technology makes the pH factor critical, because if high alkalinity is not controlled, then bond failure between slab and floor covering may result.	Appendix B B.1 to B.4
Appendix C "Site information to be requested by the contractor from the purchaser". A detailed report on subfloor condition, type, inclusions, site conditions, date installed etc is now mandatory.	Appendix C did not exist	Now added as additional responsibility on the builder and installing company (the flooring contractor).	Background in 2.1, 2.2 & 2.3 but specific responsibility requirements for the flooring contractor is ion Appendix C C1, C2 & C3

NB: Pedigree Carpets without impervious backing (example UV-TEX) are installed to AS/NZS 2455.1 - 2007