



TECHNICAL BULLETIN – TB151

APPLICATIONS FOR ARDEX E25 IMPROVER AND ABALASTIC WITH ARDEX LEVELLING COMPOUNDS

16th January 2025

INTRODUCTION & SCOPE

ARDEX levelling compounds can be used in many situations as one-part materials. Still, ARDEX recommends incorporating an additive liquid to improve product properties for some situations. Examples of these situations include high-stress or load environments and flexible substrates.

This short bulletin lists the situations where liquid additives are recommended. The basic mix designs are based on 20kg bags or parts for repair mortars.

MIX DESIGNS AND TYPICAL APPLICATIONS

Product	Application examples	Additive	Additive litres	Water litres
ARDEX K15	<ul style="list-style-type: none">For smoothing over ARDEX Moisture Barriers with P82 Primer (TB006)	E25	1	4.5
ARDEX K15	<ul style="list-style-type: none">High-stress applications (TB028)Heated subfloors (TB029)Flexible surfaces, including metal (TB100)For the timber mesh system (TB016)When smoothing over ARDEX P82 Primer on non-porous surfaces such as tiles (TB017)When used for direct fixed timber flooring (TB036)When used as part of the ARDEX Vinyl Wet Area system (TB012D, TB178)	E25	1.6	4



Product	Application examples	Additive	Additive litres	Water litres
ARDEX K12	<ul style="list-style-type: none"> • High-stress applications (TB028) • Heated subfloors (TB029) • When smoothing over ARDEX P82 Primer on non-porous surfaces such as tiles (TB017) • When used for direct fixed timber flooring (TB036) • When used as part of the ARDEX Vinyl Wet Area system (TB012D, TB178) • Where increased flexibility is required, such as Compressed Fibre Cement floors 	E25	1	4.5-4.8

ARDEX A45	<ul style="list-style-type: none"> • High load/stress applications • Where ARDEX A45 is applied over ARDEX P82 for non-porous surfaces • As part of the Vinyl Wet Area system in TB012D, TB178 	E25	1.3	3.2
ARDEX K275	<ul style="list-style-type: none"> • High load/stress applications 	E25	1.6	3.50
ARDEX LQ92	<ul style="list-style-type: none"> • High-load applications 	E25 (Dry situations only)	1.5	3
ARDEX LQ92	<ul style="list-style-type: none"> • Where increased flexibility is required, such as CFC floors • Where the smoothing cement is applied over selected membranes (TB141) • Increased water resistance • Heated subfloors (TB176) 	ARDEX Abalastic	2.5	2.5



Product	Application examples	Additive	Additive litres	Water litres
ARDEX K301	<ul style="list-style-type: none"> For increased resilience or where vibrations are expected 	ARDEX E25	1.3	3.2
ARDEX K80, ARDEX A46, ARDEX K55, ARDEX A38 ARDEX A48	These products have not been specified for use with E25 at this time.	NA	NA	NA

Notes: Other mix designs can be developed for specific applications as required by contacting ARDEX Technical services.

IMPORTANT

This Technical Bulletin provides guideline information only and is not intended to be interpreted as a general specification for the application/installation of the products described. Since each project potentially differs in exposure/condition, specific recommendations may vary from the information contained herein. For recommendations for specific applications/installations, contact your nearest ARDEX Australia Office.

DISCLAIMER

The information presented in this Technical Bulletin is to the best of our knowledge true and accurate. No warranty is implied or given as to its completeness or accuracy in describing the performance or suitability of a product for a particular application. Users are asked to check that the literature in their possession is the latest issue.

REASON FOR REVISION-ISSUER

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DOCUMENT REVIEW REQUIRED

36 months or whenever third-party suppliers change their recommendations.

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