



TILING SELECTION TABLE - INTERNAL

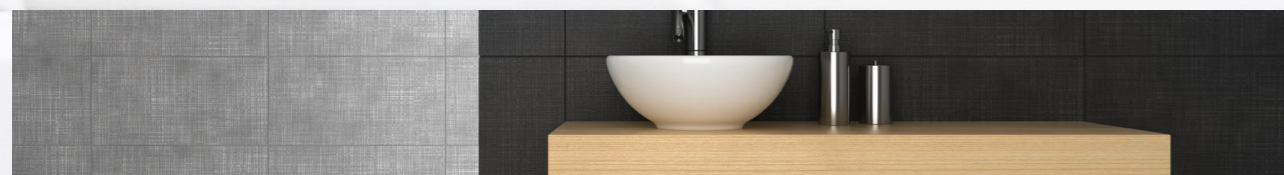
| WALLS | | | | | | | FLOORS | | | | | | | | |
|--|---|---|---|---|---|--|--|---|---|---|---|--|--|--------------------------------------|---|
| Product | Render | Concrete | Existing Tiles | Plasterboard | Fibre-Cement Medium Density | Undertile Waterproofing Membrane | Product | Concrete | Heated Concrete | Sand/Cement Screed | Existing Tiles | Fibre-Cement Medium Density/CTU | Fibre-Cement Compressed Min 15mm thick | Timber Internal Direct application | Undertile Waterproofing Membrane |
| Highly Porous e.g. Terracotta | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2 | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2 | ARDEX X 52 (P), ARDEX X 18 (D)(G), ARDEX X 77*, ARDEX X 10 (G), ARDEX Optima | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2 | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2 | ARDEX X 10, ARDEX X 18, ARDEX X 77 | Highly Porous e.g. Terracotta | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX X 78 ARDEX X 56, | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX X 77, ARDEX X 78 | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX X 77, ARDEX X 78, ARDEX X 56 | ARDEX X 18, ARDEX X 78, ARDEX X 10 (D)(G), ARDEX X 56 (D)(G), ARDEX Optima (G) | ARDEX X 52, ARDEX X 18, ARDEX X 56 | ARDEX X 52, ARDEX X 56 | ARDEX X 56 (P), ARDEX Optima (P), | ARDEX X 10, ARDEX X 52, ARDEX X 18, ARDEX X 78 |
| Porous e.g. Monocottura, Bicottura | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2 | ARDEX X 52 ARDEX X 10, ARDEX X 18, | ARDEX X 52 (P), ARDEX X 18 (D)(G), ARDEX X 77*, ARDEX X 10 (G), ARDEX Optima, | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2, | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2, | ARDEX X 10, ARDEX X 18 | Porous e.g. Monocottura, Bicottura | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX X 78, ARDEX X 56 | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX X 77, ARDEX X 78 | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX X 77, ARDEX X 78, ARDEX X 56, | ARDEX X 18, ARDEX X 78, ARDEX X 10 (D)(G), ARDEX X 56 (D)(G), ARDEX Optima (G) | ARDEX X 52, ARDEX X 18, ARDEX X 56 | ARDEX X 52, ARDEX X 56 | ARDEX X 56 (P), ARDEX Optima (P), | ARDEX X 10, ARDEX X 52 |
| Porous e.g. Ceramic, Ceramic Mosaics | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2 | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2 | ARDEX X 52 (P), ARDEX X 18 (D), ARDEX X 77*, ARDEX X 10 (G), ARDEX Optima | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2 | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2 | ARDEX X 18, ARDEX X 52 | Porous e.g. Ceramic, Ceramic Mosaics | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX X 78, ARDEX X 56 | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX X 77, ARDEX X 78 | ARDEX X 52, ARDEX X 18, ARDEX X 10, ARDEX X 77, ARDEX X 78, ARDEX X 56, | ARDEX X 18, ARDEX X 78, ARDEX X 10 (D)(G), ARDEX X 56 (D)(G), ARDEX Optima (G) | ARDEX X 52, ARDEX X 18, ARDEX X 56 | ARDEX X 52, ARDEX X 56 | ARDEX X 56 (P), ARDEX Optima (P), | ARDEX X 10, ARDEX X 52 |
| Low Porosity e.g. Glass Mosaics | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2, | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2 | ARDEX X 52 (P), ARDEX X 18 (D)(G), ARDEX X 77*, ARDEX X 10 (G), | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2 | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2, | ARDEX X 18, ARDEX X 52 | Low Porosity e.g. Glass Mosaics | ARDEX X 10 + E 90, ARDEX X 78 + E 90, ARDEX X 18 + E 90, ARDEX X 77 | ARDEX X 10 + E 90, ARDEX X 18, ARDEX X 77, ARDEX X 78 | ARDEX X 18, ARDEX X 10 + E 90, ARDEX X 77, ARDEX X 78, ARDEX X 56 | ARDEX X 18, ARDEX X 78, ARDEX X 10 + E 90 (D)(G), ARDEX X 56 (D)(G), ARDEX Optima (G) | ARDEX X 18, ARDEX X 56 | ARDEX X 56 | ARDEX X 56 (P), ARDEX Optima (P), | ARDEX X 10 + E 90, |
| Low Porosity e.g. Vitrified/ Porcelain | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2, | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2, | ARDEX X 52 (P), ARDEX X 18 (D)(G), ARDEX X 77*, ARDEX X 10 (G), ARDEX Optima | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2 | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2, | ARDEX X 18, ARDEX X 52 | Low Porosity e.g. Vitrified/ Porcelain | ARDEX X 52 + E 90, ARDEX X 10 + E 90, ARDEX X 18 + E 90, ARDEX X 77 + E 90, ARDEX X 78 + E 90, ARDEX X 56 + E 90 | ARDEX X 52, ARDEX X 18, ARDEX X 10 + E 90, ARDEX X 77, ARDEX X 78 | ARDEX X 52, ARDEX X 18, ARDEX X 10 + E 90, ARDEX X 77, ARDEX X 78, ARDEX X 56, | ARDEX X 18, ARDEX X 78, ARDEX X 10 + 90 (D)(G), ARDEX X 56 (D)(G), ARDEX Optima | ARDEX X 52, ARDEX X 18, ARDEX X 56 | ARDEX X 56 | ARDEX X 56 (P), ARDEX Optima (P), | ARDEX X 10, ARDEX X 52 |
| Non-Sensitive Natural Stone* e.g. Marble/ Granite | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2 | ARDEX X 52, ARDEX X 10, ARDEX X 18 | ARDEX X 52 (P), ARDEX X 18 (D)(G), ARDEX X 77*, ARDEX X 10 (G), ARDEX Optima | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2 | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX D 2 | ARDEX X 52, ARDEX X 18 | Non-Sensitive Natural Stone* e.g. Marble/ Granite | ARDEX X 52, ARDEX X 78, ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX X 52, ARDEX X 18, ARDEX X 10 + E 90, ARDEX X 77, ARDEX X 78 | ARDEX X 52, ARDEX X 18, ARDEX X 10, ARDEX X 77, ARDEX X 78 | ARDEX X 10 + E 90 (D)(G), ARDEX Optima | ARDEX X 52, ARDEX X 18, ARDEX X 56 | ARDEX X 52, ARDEX X 56 | ARDEX X 56 (P), ARDEX Optima (P), | ARDEX X 10, ARDEX X 52 |
| Translucent Marble* | ARDEX Optima, ARDEX S 28 Neu ARDEX WA 100 | ARDEX Optima, ARDEX S 28 Neu, ARDEX WA 100 | ARDEX S 28 Neu (D) (G), ARDEX WA 100 | ARDEX S 28 Neu + E 90 | ARDEX S 28 Neu | ARDEX MPP | Translucent Marble* | ARDEX Optima, ARDEX S 28 Neu | ARDEX Optima, ARDEX S 28 Neu + E 90, | ARDEX Optima, ARDEX S 28 Neu | ARDEX Optima, ARDEX S 28 Neu + E 90 (D), | ■ | ■ | ARDEX Optima (P), ARDEX X 56 (P) | ARDEX Optima |
| Moisture Sensitive Natural Stone* | ARDEX S 28 Neu, ARDEX WA 100 | ARDEX S 28 Neu, ARDEX WA 100 | ARDEX S 28 Neu (D) (G), ARDEX WA 100 | ARDEX S 28 Neu + E 90, ARDEX WA 100, | ARDEX S 28 Neu + E 90, ARDEX WA 100 | ARDEX WA 100 | Moisture Sensitive Natural Stone* | ARDEX S 28 Neu, ARDEX Quickbond, ARDEX WA 100 | ARDEX S 28 Neu + E 90, ARDEX Quickbond, ARDEX WA 100 | ARDEX S 28 Neu, ARDEX Quickbond, ARDEX WA 100 | ARDEX S 28 Neu + E 90 (D), ARDEX Optima, ARDEX WA 100 | ■ | ■ | ■ | ARDEX WA 100 |
| Slates *Always conduct a trial application | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX X 52 (P), ARDEX X 18 (D)(G), ARDEX X 77*, ARDEX Optima | ARDEX X 52, ARDEX D 2 | ARDEX X 52, ARDEX D 2 | ARDEX X 18 | Slates *Always conduct a trial application | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX X 52, ARDEX X 10 | ARDEX X 52, ARDEX X 10 | ARDEX X 10 (D)(G), ARDEX Optima | ARDEX X 52, ARDEX X 18, ARDEX X 56 | ARDEX X 52, ARDEX X 56 | ARDEX X 56 (P), ARDEX Optima (P) | ARDEX X 18 |

KEY
 (G) Glaze removed
 (D) Dry area only
 (P) Prime with ARDEX P 9
 *Skim coat required for wet areas.

Note: Slate is not a suitable substrate to be tiled over due to its instability. Refer to Technical Bulletin TB010 for special recommendations in dealing with sensitive stones. For other applications not listed, please contact ARDEX New Zealand.
 * See Technical Bulletins TB001 & TB148

KEY
 (G) Glaze removed
 (D) Dry area only
 (P) Prime with ARDEX Optima/
 ARDEX P 82/P 9
 ■ Not applicable or recommended application.

Note: Slate is not a suitable substrate to be tiled over due to its instability. Refer to Technical Bulletin TB010 for special recommendations in dealing with sensitive stones. For other applications not listed, please contact ARDEX New Zealand.
 * See Technical Bulletins TB001 & TB148
 *Particleboard and Plywood Sheet.
 X 52, X 18, X 77 and X 78 require deflections not to exceed 1/500 of span and over particleboard only.





TILING SELECTION TABLE - EXTERNAL

WALLS

| Product | Render | Concrete | Fibreglass (Pool waterline after mechanically prepared) | JH Easylap FC Cladding BGC Stonesheet | Undertile Waterproofing Membrane | Swimming Pools |
|--|---|--|---|---|---|---|
| Porous e.g. Monocottura, Bicottura | ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX Optima, ARDEX WA 100 | ARDEX X 18 + E 90, ARDEX Optima, ARDEX X 77 + E 90, ARDEX WA 100 | ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX X 18, ARDEX Optima, ARDEX X 77 + E 90, ARDEX WA 100 |
| Porous e.g. Ceramic, Ceramic Mosaics | ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX Optima, ARDEX WA 100 | ARDEX X 18 + E 90, ARDEX Optima, ARDEX X 77 + E 90, ARDEX WA 100 | ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX X 18, ARDEX Optima, ARDEX X 77 + E 90, ARDEX WA 100 |
| Low Porosity e.g. Glass Mosaics | ARDEX X 10 + E 90, ARDEX X 18, ARDEX X 77 | ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX Optima, ARDEX WA 100 | ARDEX Optima, ARDEX X 18 + E 90, ARDEX WA 100 | ARDEX X 18, ARDEX X 77, ARDEX X 10 + E 90 | ARDEX X 77 + E 90, ARDEX Optima, ARDEX WA 100, ARDEX X 18 + E 90 |
| Low Porosity e.g. Vitrified/ Porcelain | ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX Optima, ARDEX WA 100 | ARDEX X 77+E 90, ARDEX Optima, ARDEX X 18 + E 90, ARDEX WA 100 | ARDEX X 77, ARDEX X 10 | ARDEX X 77 + E 90, ARDEX Optima, ARDEX WA 100, ARDEX X 18 |
| Non-Sensitive Natural Stone[#] e.g. Marble/ Granite | ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX Optima, ARDEX WA 100 | ARDEX X 77+E 90, ARDEX Optima, ARDEX X 18 + E 90, ARDEX WA 100, | ARDEX X 18, ARDEX X 77 | ARDEX X 77 + E 90, ARDEX Optima, ARDEX WA 100, ARDEX X 18 + E 90 |
| Translucent Marble[*] | ARDEX Optima, ARDEX WA 100 | ARDEX Optima, ARDEX WA 100 | ARDEX Optima, ARDEX WA 100 | ARDEX Optima, ARDEX X 18 + E 90, ARDEX WA 100 | ARDEX Optima, ARDEX WA 100 | ARDEX Optima, ARDEX WA 100 |
| Moisture Sensitive Natural Stone[*] | ARDEX WA 100 | ARDEX WA 100 | ARDEX Optima, ARDEX WA 100 | ARDEX WA 100 | ARDEX WA 100 | ■ |
| Slates [*] Always conduct a trial application | ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX Optima, ARDEX WA 100 | ARDEX X 77 + E 90, ARDEX Optima, ARDEX X 18 + E 90 | ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX X 18 + E 90, ARDEX Optima, ARDEX WA 100, ARDEX X 77 + E 90 |

FLOORS

| Product | Concrete | Sand/Cement Screed | Existing Tiles | Fibre-Cement Compressed Min 15mm thick | Undertile Waterproofing Membrane | Swimming Pools |
|---|---|--|--|---|--|---|
| Highly Porous e.g. Terracotta | ARDEX X 52, ARDEX X 18, ARDEX X 10 | ARDEX X 52, ARDEX X 10, ARDEX X 18 | ARDEX X 78 (G)(N), ARDEX Optima (G)(N), ARDEX X 77 (G)(N), | ARDEX X 52, ARDEX X 10, ARDEX X 18, ARDEX X 77 | ARDEX X 52, ARDEX X 77 + E 90, ARDEX X 18 + E 90, ARDEX X 78 + E 90, ARDEX X 10 + E 90 | ARDEX X 18, ARDEX X 77 + E 90, ARDEX Optima |
| Porous e.g. Monocottura, Bicottura | ARDEX X 52, ARDEX X 18, ARDEX X 10 | ARDEX X 52, ARDEX X 10, ARDEX X 18 | ARDEX X 77 (G)(N), ARDEX Optima (G)(N), ARDEX X 78 (G)(N), | ARDEX X 52, ARDEX X 10 + E 90, ARDEX X 18 + E 90, ARDEX X 77 + E 90, ARDEX X 78 + E 90 | ARDEX X 52, ARDEX X 10 + E 90, ARDEX X 18 + E 90, ARDEX X 77 + E 90, ARDEX X 78 + E 90 | ARDEX X 18, ARDEX X 77 + E 90, ARDEX Optima |
| Porous e.g. Ceramic, Ceramic Mosaics | ARDEX X 52, ARDEX X 18, ARDEX X 10 | ARDEX X 52, ARDEX X 10 | ARDEX X 77 (G)(N), ARDEX Optima (G)(N), ARDEX X 78 (G)(N), | ARDEX X 52, ARDEX X 10 + E 90, ARDEX X 18 + E 90, ARDEX X 77 + E 90, ARDEX X 78 + E 90 | ARDEX X 52, ARDEX X 10 + E 90, ARDEX X 18 + E 90, ARDEX X 77 + E 90, ARDEX X 78 + E 90 | ARDEX X 18, ARDEX X 77 + E 90, ARDEX Optima |
| Low Porosity e.g. Glass Mosaics | ARDEX X 77, ARDEX X 18, ARDEX X 10 + E 90 | ARDEX X 10 + E 90, ARDEX X 52, ARDEX X 18, ARDEX X 77 | ARDEX X 78 (G)(N), ARDEX Optima (G)(N), ARDEX X 77 | ARDEX X 10+ E 90, ARDEX X 77 + E 90, ARDEX X 56, ARDEX X 18, ARDEX X 78 | ARDEX X 18 + E 90, ARDEX X 77 + E 90, ARDEX X 78 + E 90, ARDEX X 10 + E 90, ARDEX X 52 | ARDEX X 18, ARDEX X 77 + E 90, ARDEX Optima, ARDEX WA 100 |
| Low Porosity e.g. Vitrified/ Porcelain | ARDEX X 52, ARDEX X 10 | ARDEX X 52, ARDEX X 10, ARDEX X 18 | ARDEX X 78 (G)(N), ARDEX Optima (G)(N) | ARDEX X 52 + E 90, ARDEX X 10 + E 90, ARDEX X 18 + E 90, ARDEX X 56 + E 90, ARDEX X 77 + E 90, ARDEX X 78 + E 90 | ARDEX X 52, ARDEX X 18 + E 90, ARDEX X 10 + E 90, ARDEX X 77 + E 90, ARDEX X 78 + E 90 | ARDEX X 18, ARDEX X 77 + E 90, ARDEX Optima, ARDEX WA 100 |
| Non-Sensitive Natural Stone[#] e.g. Marble/Granite | ARDEX X 52, ARDEX X 10 | ARDEX X 52, ARDEX X 10 | ARDEX X 77 (G)(N), ARDEX X 78 (G)(N), ARDEX Optima (G)(N) | ARDEX X 52 + E 90, ARDEX X 10 + E 90, ARDEX X 18 + E 90, ARDEX X 77 + E 90, ARDEX X 78 + E 90 | ARDEX X 52, ARDEX X 18 + E 90, ARDEX X 10 + E 90, ARDEX X 77 + E 90, ARDEX X 78 + E 90 | ARDEX Optima, ARDEX X 18, ARDEX X 77 + E 90, ARDEX WA 100 |
| Translucent Marble[*] | ARDEX Optima | ARDEX Optima | ARDEX Optima (G)(N), ARDEX X 78 (G)(N) | ARDEX X 18 + E 90, ARDEX X 77 + E 90, ARDEX X 78 + E 90, ARDEX Optima | ARDEX X 18 + E 90, ARDEX X 77 + E 90, ARDEX X 78 + E 90, ARDEX Optima | ARDEX X 18, ARDEX Optima |
| Moisture Sensitive Natural Stone[*] | ARDEX WA 100 | ARDEX WA 100 | ■ | ARDEX WA 100 | ARDEX WA 100 | ■ |
| Slates [*] Always conduct a trial application | ARDEX X 52, ARDEX X 10 | ARDEX X 52, ARDEX X 10, ARDEX X 77 | ARDEX X 78 (G)(N), ARDEX Optima (G)(N) | ARDEX X 52 | ARDEX X 52, ARDEX X 10 | ARDEX X 18 + E 90, ARDEX X 77 + E 90, ARDEX Optima, ARDEX WA 100 |

KEY

- (G) Glaze removed
- (D) Dry area only
- (N) Not permanently immersed
- (P) Prime with ARDEX P 9
- Not applicable or recommended application.

Note: All floors must have adequate falls. Slate is not a suitable substrate to be tiled over due to its instability. ARDEX E 90 must be used in addition to listed products for salt water pools.
[^] Refer to Technical Bulletin TB010 for special recommendations in dealing with sensitive stones. For other applications not listed, please contact ARDEX New Zealand.
[#] See Technical Bulletins TB001 & TB148.
 Refer to Technical Bulletin TB077 for special recommendations in dealing with Butynol®.

