



Ng Teng Fong
General Hospital

ARDEX, the right prescription for system installations

**HOSPITALS, HEALTHCARE
& MEDICAL FACILITIES**

ARDEX, the right prescription for Hospitals, HealthCare and Medical Facilities



ARDEX has extensive experience in delivery wall and flooring installation solutions to a wide array of hospitals, health care and medical facilities. Our high-performance tailor-made products, systems and professional technical support teams provide the cure for any type of flooring project, such as substrate preparation, moisture remediation, flooring and wear surface installations and for various types of medical facilities including:

- Operating rooms
- Recuperate ward
- Waiting rooms
- Corridors & exterior sidewalks
- Offices
- Labs

ARDEX has been a trusted and reliable partner to healthcare facility administrators throughout Southeast Asia and worldwide. We have been providing specialized fast-track solutions that gets the job done right the first time... and faster. The results are measured on the bottom-line with minimal down times income generating operation rooms, recuperate ward. etc., as well as eliminating future disruptions. additional costs and down time.

Our in-dept healthcare facilities experience and specialised products / system are just what healthcare requires / needs to ensure success for the most sensitive and difficult interior flooring and exterior surface installations within your medical facility.

Environmental Solutions

ARDEX High-performance, environmentally conscious products are the perfect solution for areas with high-sanitary requirements, sensitive medical equipment, stringent environmental issues and where ultra-smooth and level floors are required to safely transport patients. ARDEX underlayments also provide the flat, level surface needed for the optimal performance of highly-sensitive equipment and monitors.

ARDEX Package for Healthcare Industry

ARDEX offer a complete line of high-performance substrate preparation, moisture remediation, concrete repair & restoration, and tile & stone installation products for interior and exterior applications.

Flooring system for sheet vinyl :

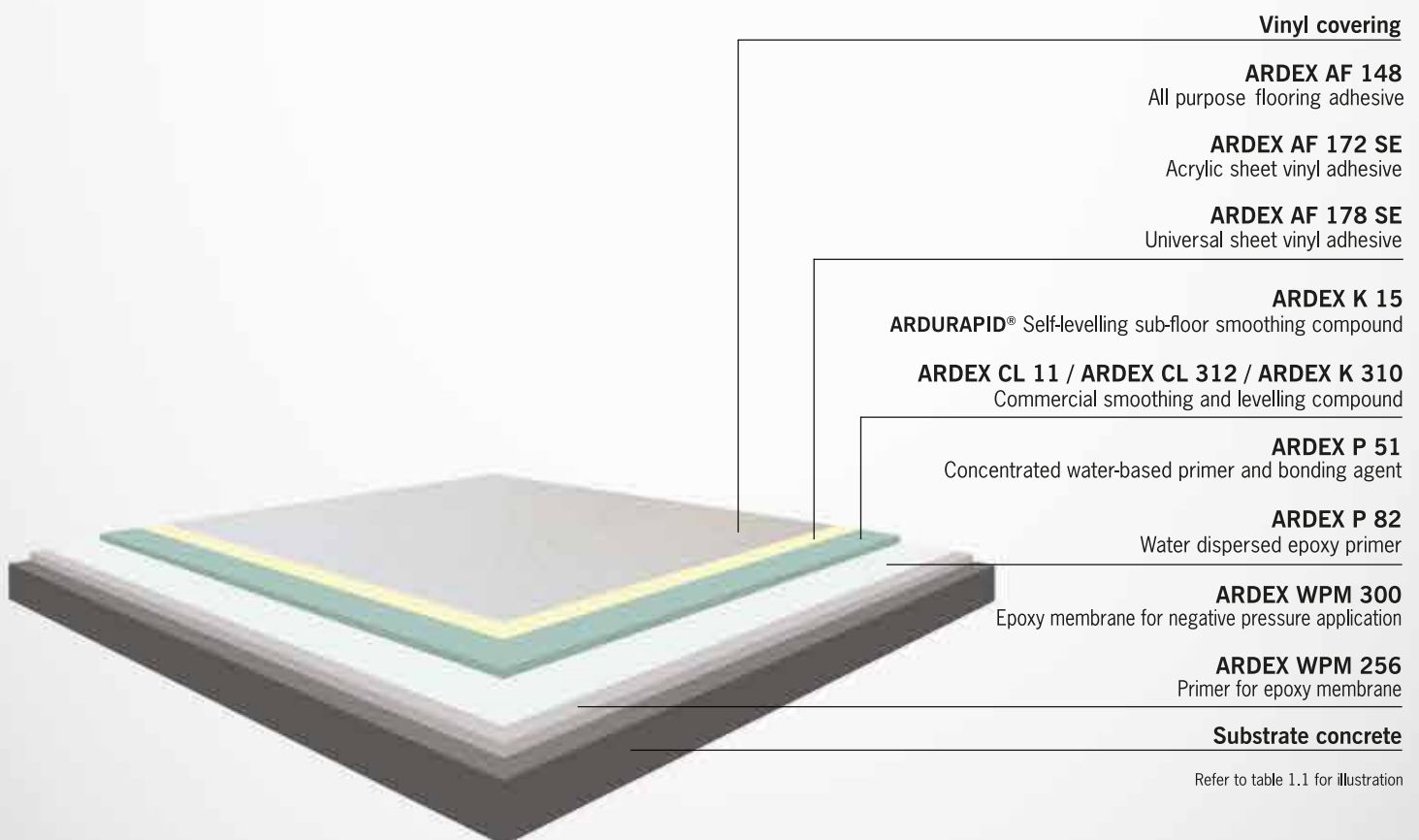


Table 1.1

<p>STEP 1 Floor – Preparation Apply ARDEX WPM 256 on damp surfaces that is used as a penetrating structural sealer.</p> <p>Use ARDEX WPM 300 with Dry film thickness (DFT) 0.3 mm to prevent rising damp and the formation of efflorescence.</p>	<p>STEP 2 Primer – Preparation Use ARDEX P 82 on most substrate (Power float concrete) internally and ARDEX WPM 300 for moisture barrier.</p> <p>OR</p> <p>Use ARDEX P51 on concrete, render or screeds subfloors with no residue of moisture or permanent dampness.</p>	<p>STEP 3 Floor – Self levelling Use ARDEX K 15 or ARDEX CL 11 / ARDEX CL 312 / ARDEX K 310 / to create a smooth, level and flat surface with the thickness of 3 - 5 mm.</p>	<p>STEP 4 Floor Adhesive For long open time and to achieve excellent wet grab, use either ARDEX AF 148 or ARDEX AF 172 SE or ARDEX AF 178 SE.</p>
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Flooring system for carpet tile :

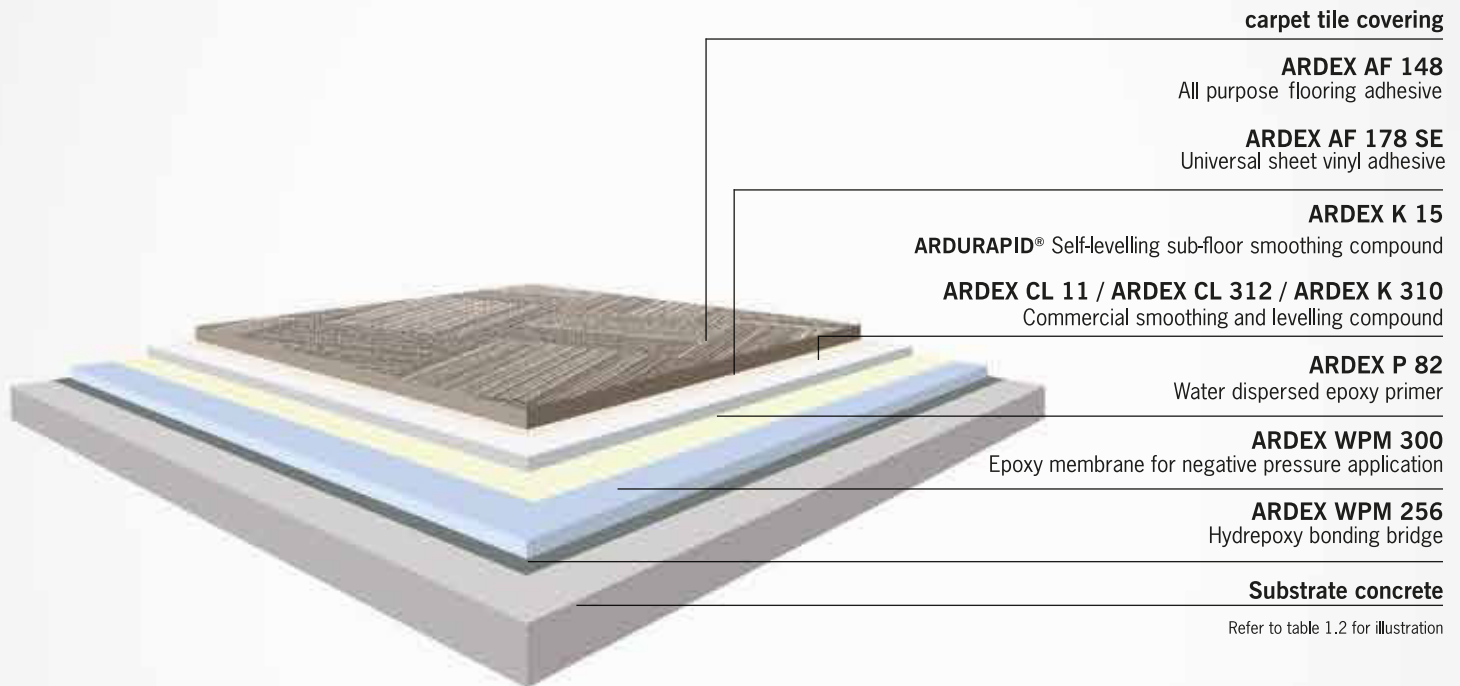


Table 1.2

<p>STEP 1 Floor – Preparation Apply ARDEX WPM 256 on damp surfaces that is used as a penetrating structural sealer.</p> <p>Use ARDEX WPM 300 with Dry film thickness (DFT) 0.3 mm to prevent rising damp and the formation of efflorescence.</p>	<p>STEP 2 Primer – Preparation Use ARDEX P 82 on most substrate (Power float concrete) internally and ARDEX WPM 300 for moisture barrier.</p> <p>OR</p> <p>Use ARDEX P51 on concrete, render or screeds subfloors with no residue of moisture or permanent dampness.</p>	<p>STEP 3 Floor – Self levelling Use ARDEX K 15 or ARDEX CL 11 / ARDEX CL 312 / ARDEX K 310 or other self-levelling underlayment to create a smooth , level and flat surface with the thickness of 3 - 5 mm.</p>	<p>STEP 4 Floor Adhesive Use ARDEX AF 148 pressure sensitive adhesive for excellent coverage and extended long working time. For immediate installation with effective dimensional stability reducing any potential for shrinkage and expansion, use ARDEX AF 178 SE.</p>
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IMPORTANT NOTE:

Variations in site conditions including porosity, air movement and temperature, humidity, substrate temperature and moisture, priming, substrate smoothness will alter coverage, set up time and working time.



PREPARATION



ARDEX P 51

- Low odour and solvent free
- Minimises air bubbles rising through levelling compounds and porous surfaces
- Multipurpose and easy to use



ARDEX P 82

- Waterborne two-component primer
- Seals the substrate
- Improves the bond of underlayments and toppings
- For wood, cutback, metal and other non-porous substrates

FLOORING : Levelling Compound



ARDEX K 15

- Rapid hardening - walkable in approximately 2 hours
- Rapid drying - receives floorcovering within 24 hours
- Strong - high compressive strength



ARDEX CL 11 / ARDEX CL 312 / ARDEX K 310

- Fast drying for early utilisation
- Durable - excellent surface hardness
- No surface grinding required - readily receives adhesives
- High compressive strength formulation

FLOORING : Adhesive



ARDEX AF 172 SE

- Solvent free low VOC and user friendly
- Outstanding initial grab
- Easy to spread
- Marine certified



ARDEX AF 178 SE

- Water based acrylic co-polymer blend
- Long working time of 60 minutes
- Fast setup - start installation faster
- Superior plasticizer migration resistance
- Excellent workability and user friendly



ARDEX AF 2365

- Water based, acrylic emulsion based and low VOC
- Excellent workability and easy application
- Excellent plasticiser migration resistance
- Outstanding adhesion for all types of vinyl covering



ARDEX AF 148

- Dispersion based
- Long working time up to 120 mins
- Excellent spread rate 7 m²/kg
- Can be used semi-wet and pressure sensitive

WATERPROOFING



ARDEX WPM 256

- Water based epoxy bonding bridge
- Penetrating structural sealer
- Forms a structural bond between new and old concrete
- Can be applied to damp surfaces
- Excellent adhesion to most substrates



ARDEX WPM 300

- Can be readily applied to damp surfaces, saturated surface dry condition
- Safe to use in sensitive locations (e.g. around food or habitable areas) and environmentally friendly.
- Easy clean-up using water. Non-flammable & negligible odour

DISCLAIMER

The details, recommendations and other information contained in this brochure are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable government standard, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program.

Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may affect specific installation recommendations.

The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealing or are otherwise available to you on request. You should familiarise yourselves with them.

ARDEX SINGAPORE PTE LTD

26 Tuas Avenue 4, Singapore 639376
Tel +65 6861 7700 • Fax +65 6862 3381
sales@ardex.com.sg • www.ardex.com.sg

ARDEX MANUFACTURING SDN BHD (669180-X)

No. 19-1, Jalan Puteri 2/2, Bandar Puteri
47100 Puchong, Selangor Darul Ehsan, Malaysia
Tel +603 8060 1139 • Fax +603 8060 0719 • Email sales@ardex.com.sg

ARDEX (THAILAND) CO., LTD

969 Moo 13, Soi 45, Bangna-Trad Road
Bangkaew, Bangplee, Samutprakarn 10540, Thailand
Tel +66 2316 3069 • Fax +66 2316 3075 • Email sales@ardex.co.th

VIETNAM

HP +84 901 351 308
Email sales@ardex.com.sg