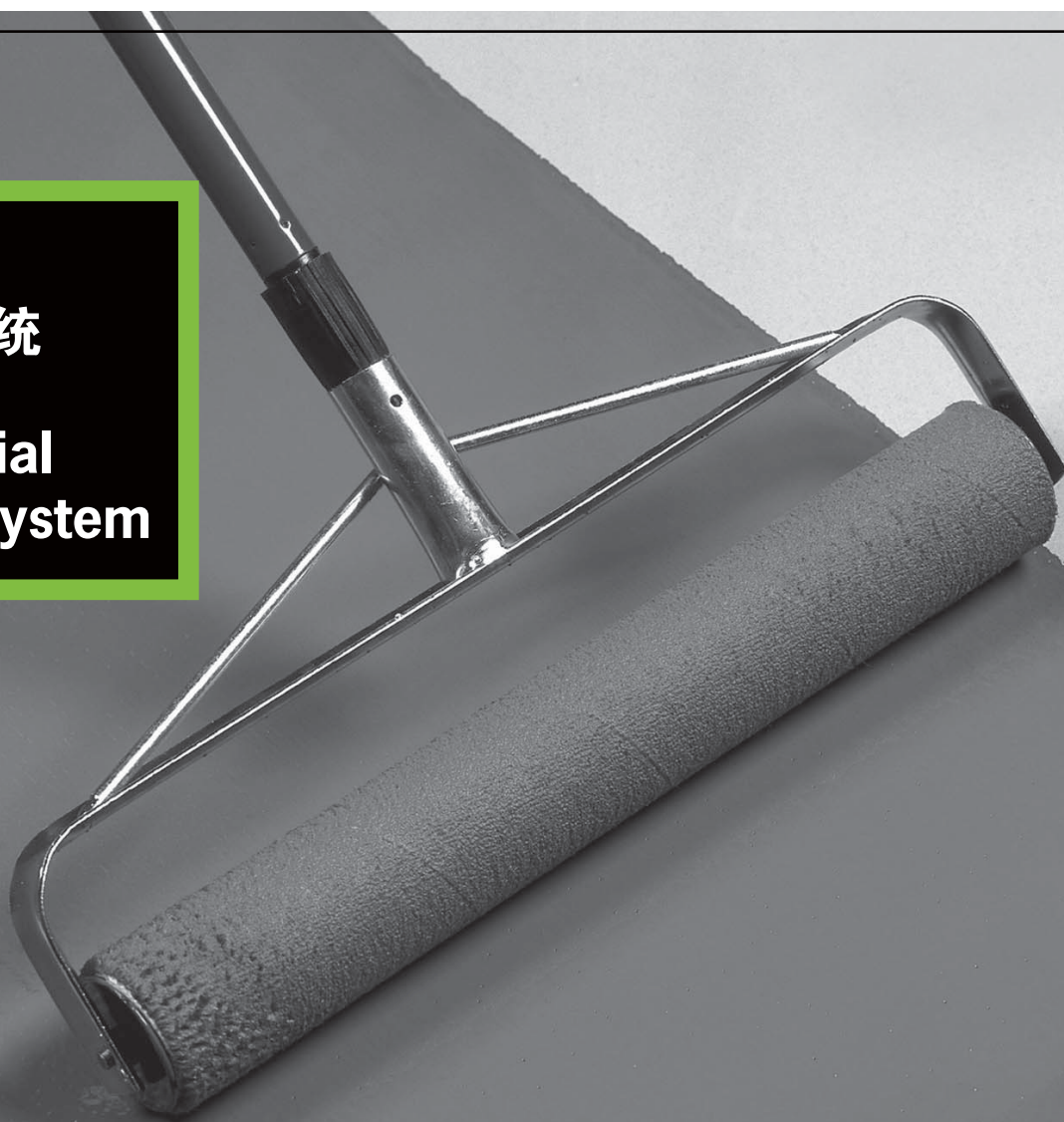


工业  
地坪系统

Industrial  
Floor System



水泥自流平面层

聚氨酯砂浆系统

弹性聚氨酯地坪系统

环氧树脂地坪系统

硬化地坪

水泥自流平垫层

防水防潮系列

快干找平/修补砂浆

Cement Self-leveling Topping

Polyurethane Screed

Elastic Polyurethane Self-leveling / Coating

Epoxy Self-leveling / Coating

Dry Shake / Liquid Hardener

Cement Self-leveling Underlayment

Waterproofing / DPM

Rapidry Leveling / Repairing Mortar



德国亚地斯



## 公司介绍 Company Introduction

德国亚地斯集团 (ARDEX) 成立于1949年，是一家全球性的化学建材供应商。亚地斯集团在全球拥有39家分公司，遍及各大洲的50多个国家。上世纪50年代，亚地斯研究开发的自流平水泥，开创了建筑行业地面材料的一个新纪元。

亚地斯于2002年进入中国市场，为国内先进的化学建材生产商，其产品包括：地坪系统、瓷砖粘结系统、防水系统、创意饰面系统等，总部和工厂位于上海，在北京、广州、成都分别设有办事处。

## 亚地斯大事件 ARDEX Milestone

- 1949年，创立于德国维藤市；
- 1953年，发明了自流平；
- 1975年，发明了“ARDURAPID 快干早强”技术；
- 2002年，荣获德国“建筑与地板”创新奖；
- 2002年，发明了PANDOMO创意墙地面系统；
- 2004年，荣获德国“建筑与设计”创新奖；
- 2005年，荣获德国“100大创新企业”；
- 2006年，发明了“MICROTEC 超微科技”技术；
- 2014年，荣获地坪行业品牌二十强。



亚地斯中国上海工厂



德国亚地斯创新培训中心



## 创新特质 Innovation DNA

突破创新是亚地斯一贯的传承。

- ARDEX是世界上最早发明水泥基自流平的企业；
- 创新产品每年占总销售额的25%以上；
- 2005年，荣获德国“100大创新企业”。



全球首创：“快干早强”技术

## 核心科技 Core Technology

本地研发技术结合全球科技。

- 1953年，发明了水泥自流平，开创了建筑地面材料的新纪元；
- 1975年，发明“ARDURAPID 快干早强”技术，全球首创；
- 2006年，发明“MICROTEC 超微科技”技术，全球首创；
- 2015年，ARDEX“ULTRA-SHIELD博盾防护”技术首登中国。



全球首创：“超微科技”技术

## 技术全面 Integrity Technology

世界领先的地坪系统方案提供者。

- 快速修补；
- 防水 / 防潮系统；
- 聚氨酯砂浆地坪；
- 环氧地坪；
- 弹性聚氨酯地坪；
- 水泥自流平地坪；
- 硬化地坪。



全球首创：“博盾防护”技术



2005年，荣获德国100大创新企业





# 亚地斯工业地坪案例 (部分) ARDEX Project Reference (Part)

北京保时捷4S店停车场  
Beijing Porsche 4S Store Car Park  
ARDEX R 7 PP, ARDEX R 121 PP, ARDEX R 115 PP



沈阳桃仙机场T3航站楼地下停车场  
Shenyang Taoxian Airport T3 Car Park  
ARDEX K 320



成都宜家  
Chengdu IKEA  
ARDEX A 35, ARDEX R 70 P, ARDEX R 121 PP, ARDEX R 116 PP



波森尾气系统 (廊坊) 工厂  
Langfang Boysen Factory  
ARDEX R 2 PE, ARDEX R 24 PE, ARDEX R 116 PP



吴江康普肉食品加工厂  
Wujiang Kangpu Food Processing Factory  
ARDEX R 70 P, ARDEX R 90 P, ARDEX R 15 P, ARDEX R 10 P



## 工程案例:

- 水立方国家游泳馆
- 北京地铁
- 世博德国馆
- 世博中国馆
- 卡夫食品
- 联合利华
- 西门子
- 来福士广场

## Project Reference:

- Water Cube
- Metro Beijing
- EXPO Germany Pavilion
- EXPO China Pavilion
- Kraft Food
- Unilever China
- Siemens
- Raffles Plaza



聚氨酯砂浆系统 POLYURETHANE SCREED



ARDEX R 90 P  
镗整型重承载聚氨酯砂浆



ARDEX R 70 P  
自流型中承载聚氨酯砂浆



ARDEX R 10 P  
踢脚线和垂直表面聚氨酯砂浆



ARDEX R 15 P  
聚氨酯砂浆地坪修补面漆

弹性聚氨酯地坪系统 ELASTIC POLYURETHANE SELF-LEVELING/COATING



ARDEX R 7 PP  
无溶剂型聚氨酯底漆



ARDEX R 120 PP  
无溶剂型弹性聚氨酯中涂



ARDEX R 121 PP  
无溶剂聚氨酯自流平



ARDEX R 114 PP  
水性聚氨酯封闭面漆



ARDEX R 115 PP  
溶剂型聚氨酯面漆



ARDEX R 116 PP  
高耐磨防滑聚氨酯面漆



环氧树脂地坪系统  
EPOXY SELF-LEVELING/COATING



ARDEX R 24 PE  
无溶剂环氧自流平



ARDEX R 35 PE  
无溶剂环氧涂层



ARDEX R 601 PE  
环氧导电底漆



ARDEX R 625 PE  
防静电环氧自流平

环氧树脂防静电系统  
ANTI-STATIC EPOXY SYSTEM

水泥自流平 CEMENT SELF-LEVELING



ARDEX K 320  
高早强耐磨面层自流平



ARDEX K 180  
高强水泥基垫层自流平



ARDEX R 65 P  
水性聚氨酯表面封闭涂层



ARDEX R 50 A  
地坪浸封剂

浸封剂 SEALER

硬化地坪系统 FLOORING HARDENER



ARDEX PC 50  
混凝土锂基液体硬化剂



ARDEX DH  
干撒式混凝土耐磨骨料

## 快干找平/修补砂浆 RAPIDRY LEVELING/REPAIRING MORTAR



ARDEX A 35  
快凝早强水泥



ARDEX A 42  
高强度室内修补砂浆



ARDEX A 45  
快速修补砂浆



ARDEX A 50  
全能型快速修补砂浆

## 防水/防潮 WATERPROOFING/DPM



ARDEX WPM 256  
水性环氧树脂增强剂 & 界面剂



ARDEX WPM 300  
水性环氧树脂防潮膜



ARDEX DPM  
双组份环氧表面防潮膜



ARDEX WPM 006 (II)  
双剂型弹性防水膜 (II)

## 底涂剂 PRIME/ANCILLARIES



ARDEX R 2 PE  
无溶剂型环氧树脂底漆



ARDEX R 3 E  
环氧耐潮底漆



ARDEX R 6 E  
环氧耐油底漆



ARDEX DGR  
除油剂



ARDEX P 82  
水性合成树脂底涂剂



ARDEX P 51  
界面剂



ARDEX E 25  
水泥自流平增强剂



## 步骤1-10,确保您的地面有理想的铺设效果

### 1 评估现有地面

首次查看现有地面时,应当考虑以下三大因素。

#### · 物理状态

并不是所有的地面都可以修复!与下面的混凝土板相比,即使是重承载树脂地坪也只是薄薄的一层,不能期望它能弥补混凝土板的不足。当然,如果混凝土板出现大面积的外露钢筋或一些腐蚀性污染物已经破坏了混凝土板本身的完整性,客户就应立即重置混凝土板,然后再进行后续施工。

#### · 基层含水率

所有的不透水涂层都需要铺设一层功能性防潮膜。若混凝土板下未铺设防潮材料,则必须使用亚地斯防潮材料。

#### · 过去使用状况/受污染状况

请确认该场地过去的用途。一些大量用油的行业(如机械工业,食品生产,保健产品和美容产品)可能导致混凝土板受到污染从而影响粘合性能和之后的铺装效果。

### 2 选择合适的系统

根据评估结果、客户需求和期望以及亚地斯的建议,选择合适的树脂地坪系统。虽然成本始终是一项因素,但是因成本限制而采用性能较低的系统往往很难让客户满意!

### 3 制定施工进度和劳动力分配

施工进度必须考虑可实现的铺设率及完成面和中间层的固化时间。确保经验丰富的施工人员能够执行拌和工序和施工工序。强烈建议选择受过职业技能培训的施工人员。如果工期较紧,可以向我们咨询有关各种快速施工系统的详细信息。与传统体系相比,采用该体系在施工进度上可以节省时间。

### 4 规划施工通道和施工布局

- 规划施工时应当考虑:
- 进场通道(针对机械设备需考虑门和走廊宽度)
- 电源设备
- 水源通路(如需)
- 搅拌地点的确定
- 废弃物的处置
- 合理地划分施工区域(可能受到可获取的劳动力和施工区域的允许占用时间的影响)。

要特别注意应用本产品的区域特性。妥善处理地板接缝和排水沟的细节。充分考虑施工过程中客户员工、使用材料或施工工序的影响,这一部分内容应当与项目分开考虑。

步骤1-4是获得成功的关键。

### 5 施工现场的材料贮存

按照亚地斯产品的说明书来储存所有材料。低温时,材料的流动性降低,相反,高温时,材料的流动性增加。多数产品的最佳温度范围为15至25℃。记住,大体积材料可能需要24小时以上来适应周围环境温度。简单地将材料在温暖的房间放置一小时左右是不会带来任何益处的。

注:基面温度并不代表环境温度。

### 6 基层准备和修补

在施工本系统产品前,所有的地面(包括机械收光的混凝土和找平砂浆层)在面层材料施工前,都需要进行适当基层处理。基层处理和施工工序的间隔时间越长,地面就越可能需要二次处理。最后的地坪完成面应当平整、干净、整洁。

### 7 拌和

保持搅拌设备的整洁且有适当的设备清理废弃包装。建议使用推荐的搅拌设备以确保拌和时间 and 工序步骤。避免将混合物料滞留于混合容器中太长时间。保护搅拌设备周围的地面区域免于受到材料溅射的污染。必须严格控制现场的物料批次,以确保物料质量稳定和物料混合比例正确。

### 8 施工

严格按照亚地斯的标准来使用材料。对于砂浆层来说,材料的密实度是至关重要的。材料选用得当和正确的施工相辅相成方可确保取得最佳的完工效果。强烈建议选择受过职业技能培训的施工人员。假如现场出现了不可预见状况而需要中断施工工序时,那么必须采取相应措施以确保交接面干净整洁,包括交接工作面两侧锚槽。

### 9 保护工作

在工程的各个施工阶段、完工到交付客户使用之前都需进行保护,使地坪免遭交通运输、污染和损坏。

### 10 清洁和维护

所有的地坪(不只是树脂地坪)都受益于恰当的、持续的清洁和维护规范,该规范随着人们的预期愿望而变化。如果不能切实实施和维护达成共识的规范,树脂地板的外观将受到损坏。

# 10 STEPS TO A BRILLIANT RESIN FLOOR



## 1 Evaluate the Existing Floor

There are three main factors to consider when first looking at an existing floor:

### - Physical Condition

Not all floors can be saved! Even a heavy duty resin floor is only a thin layer when compared to the concrete slab underneath it, and it cannot be expected to compensate for inadequacies in the concrete slab. Certainly if there are large areas of exposed reinforcement, or if some contamination has degraded the integrity of the concrete itself, the client should be directed towards replacing the slab before proceeding with any applied finish.

### - Moisture Content

All impervious coatings require a functioning DPM to be installed. If one is not present below the slab, then provisions must be made for installation of a surface applied ARDEX Epoxy Resin Damp Proof Membrane.

### - Previous Uses/Contamination

Try to find out what the site has been used for in the past. Industries that use a lot of oil (engineering, food production, health and beauty products) may have led to contamination of the slab which could affect the bond and performance of subsequently applied finishes.

## 2 Select the Right System

Taking into consideration the results of the evaluation, the needs and expectations of the client and the advice of ARDEX UK, select a suitable resin finish. Whilst cost is always a factor, selecting a lower performance system in order to meet cost restrictions very rarely results in satisfaction for the client!

## 3 Plan the Job - Schedule and Labour

The work schedule must consider achievable laying rates and curing times of both the final finish and intermediate layers. Ensure sufficient experienced labour is allocated in terms of both mixing and application. Use of labour that is trained to NVQ Level 2 (in-situ Resin Flooring Operative) is highly recommended (contact FeRFA for details). If time is genuinely limited, contact us for information on various fast-track systems which can save some time on schedule compared to traditional systems.

## 4 Plan the Job - Access and Layout

When planning the layout of the job, take into consideration;

- Access routes (width of doors and corridors for machinery etc)
- Access to power
- Access to water (if required)
- Siting of mixing stations
- Disposal of waste and packaging
- Bay sizes (which may be influenced by available labour, movement joints in the floor and allowed possession times of the site).

Pay particular attention to any feature of the site which protrudes into or through the applied material. Floor joints and drain details need to be properly addressed. Also consider any of the client's staff, materials or processes which may be present during application and need to be separated from the project.

Steps 1-4 are key to a successful result. There are very few problems that cannot

be overcome, and no problem that is not better addressed a few weeks prior to installation rather than a few hours!

## 5 Storage of Materials on Site

Store all materials according to ARDEX UK's guidelines supplied on the product data sheet. Cold materials flow less and set slower, which can result in an impaired finish. Conversely, very warm materials will give a reduced working time which can again lead to an impaired finish. For most products the optimum temperature range is 15 to 25°C. Bear in mind that large volumes of material can take over 24 hours to adjust to the surrounding temperatures, so simply bringing materials into a warm room for an hour or so is unlikely to provide much benefit. Note: Slab temperature may not reflect ambient temperature.

## 6 Preparation and Repairs

All floors (including power floated concrete and levelling screeds) require some degree of mechanical preparation before receiving bonded material and this preparation should be carried out immediately prior to receiving the finish. The longer the time left between preparation and application, the more likely the floor will need to be prepared again. Selection of repair materials should reflect the expected duty of the floor, and repair materials in turn will require preparation if they are to receive any bonded materials. Terminations of the resin floor should be straight, neat and tidy and include anchor grooves where applicable.

## 7 Mixing Materials

Maintain a tidy mixing station with easy access to all required components and suitable facilities for disposal of packaging. Always use the recommended mixing equipment. Ensure that mixing times and sequences are followed. Avoid leaving mixed material in the mixing vessel for longer than is necessary. Protect the area surrounding the mixing station from splashes. On-site batching of materials must be rigorously controlled to ensure both quality and correct proportions of materials are achieved.

## 8 Application

Apply materials in strict accordance with ARDEX's instructions. For screeds, it is essential that good compaction is achieved through the depth of the material. Ensure consistency of application and finishing techniques to achieve the best finish. Again, use of labour that is trained by ARDEX is highly recommended (contact FeRFA for details). Should unforeseen circumstance arise on site which require a break in application, steps must be taken to ensure a neat and tidy day join, including any anchor grooves on either side where applicable. For ALL Resin Systems, maintaining the "wet edge" is critical to achieving a good finish.

## 9 Protect your Work!

There may be some time both between intermediate stages of the project and between final finish and handover to the client. Ensure the floor is protected from traffic, contamination and damage during these periods.

## 10 Cleaning and Maintenance

All floors (not just resin) benefit from a suitable and consistent cleaning and maintenance regime, which will vary depending upon expected duty of the finished project. Make sure the client is aware of the recommended regime for the resin floor, and of the deterioration in appearance that will occur if the agreed regime is not implemented and maintained. Please refer to FeRFA cleaning and maintenance guidelines on how to maintain your new resin floor.



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**系统 1：聚氨酯砂浆地面系统**

**Flooring System I : PU Screed System**

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**系统 2：弹性聚氨酯地面系统**

**Flooring System II : Elastic PU Coating System**

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**系统 3：环氧自流平/薄涂系统**

**Flooring System III : Epoxy Self-leveling/Coating System**

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**系统 4：水泥基自流平系统**

**Flooring System IV : Cement Self-leveling Topping System**

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**系统 5：环氧防静电系统**

**Flooring System V : Anti-static Epoxy System**

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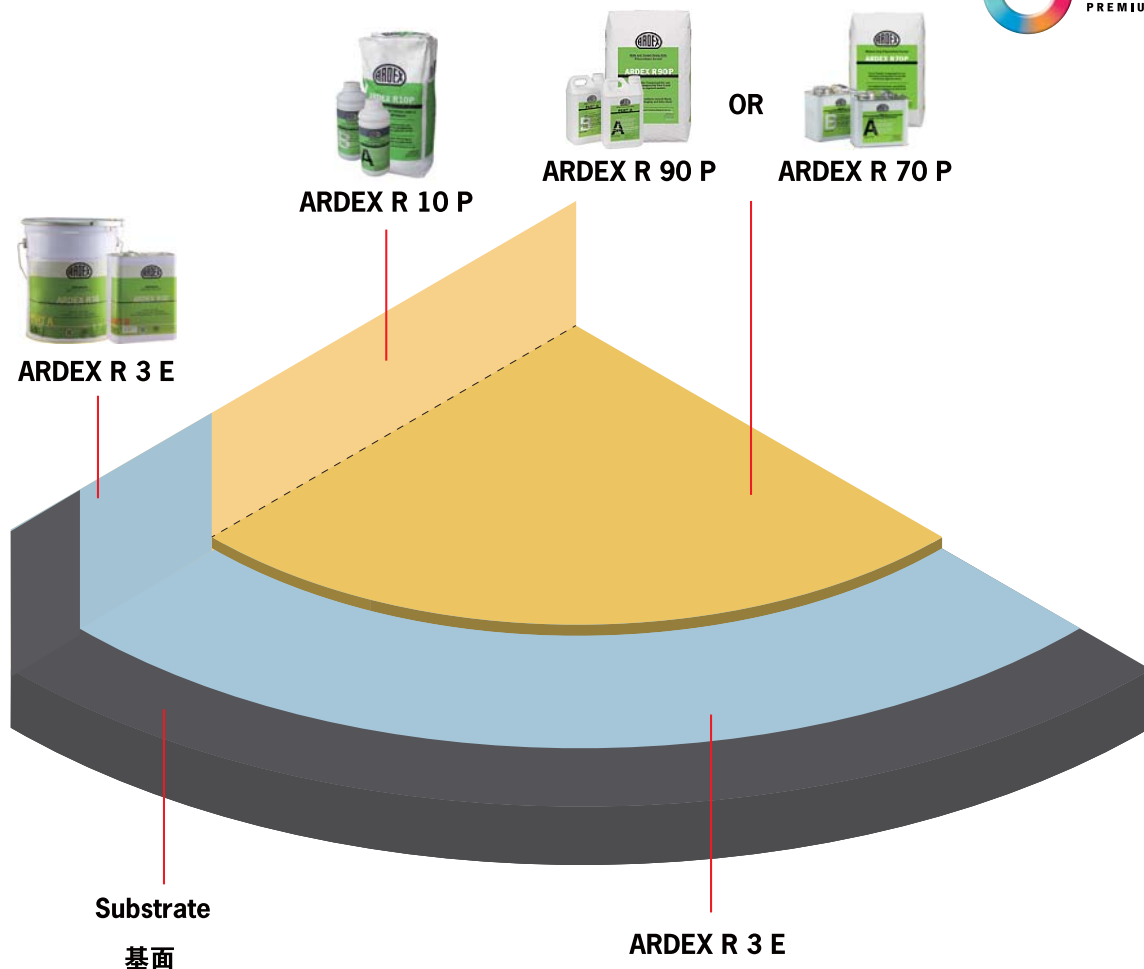
**系统 6：混凝土硬化系统**

**Flooring System VI : Concrete Hardener/Densifier System**

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# 系统介绍 1 – 聚氨酯砂浆地面系统 Flooring System I - PU Screed System



## 聚氨酯砂浆地面系统:

高承载和化学品区域

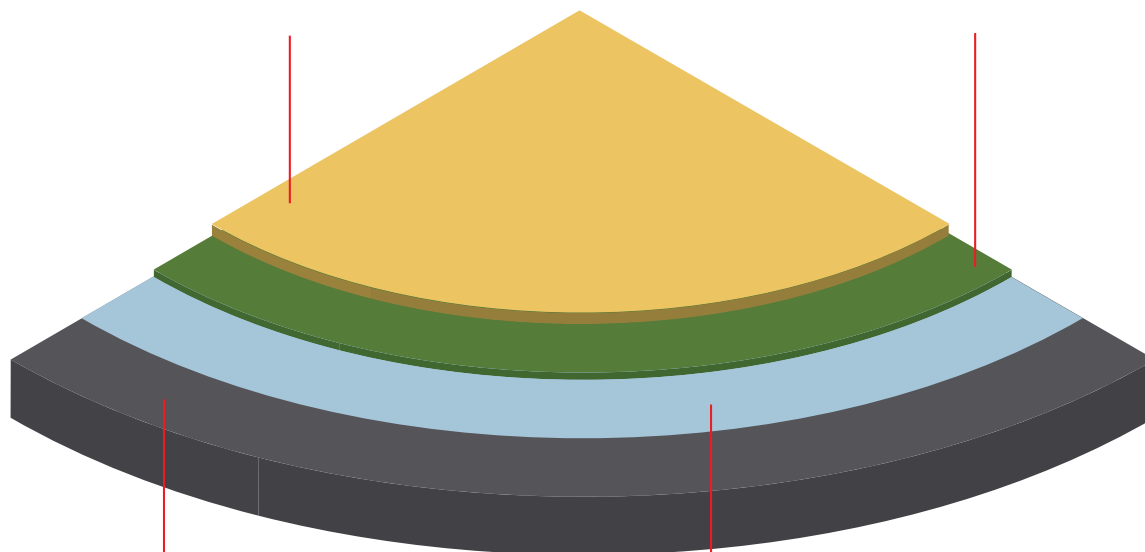
- 耐久性
- 方便安装
- 耐化学品腐蚀
- 非常适合医药，食品，饮料行业
- 无缝，方便清洁
- 耐温范围广，最大-40°C到120°C
- 卫生
- 防滑
- 耐热水或蒸汽清洗

## PU screed system:

Heavy duty and chemical area:

- Durable
- Easy Installation
- Wide range for Chemical resistance
- Ideally for pharmaceutical, food and drink manufactory
- Seamless, easy to clean
- Wide range temperature resistance, max. -40°C to 120°C
- Hygiene
- Anti-slip
- Hot water/steam cleaning

# 系统介绍 2 – 弹性聚氨酯地面系统 Flooring Solutions II - Elastic PU Coating System



Substrate  
基面



ARDEX R 7 PP

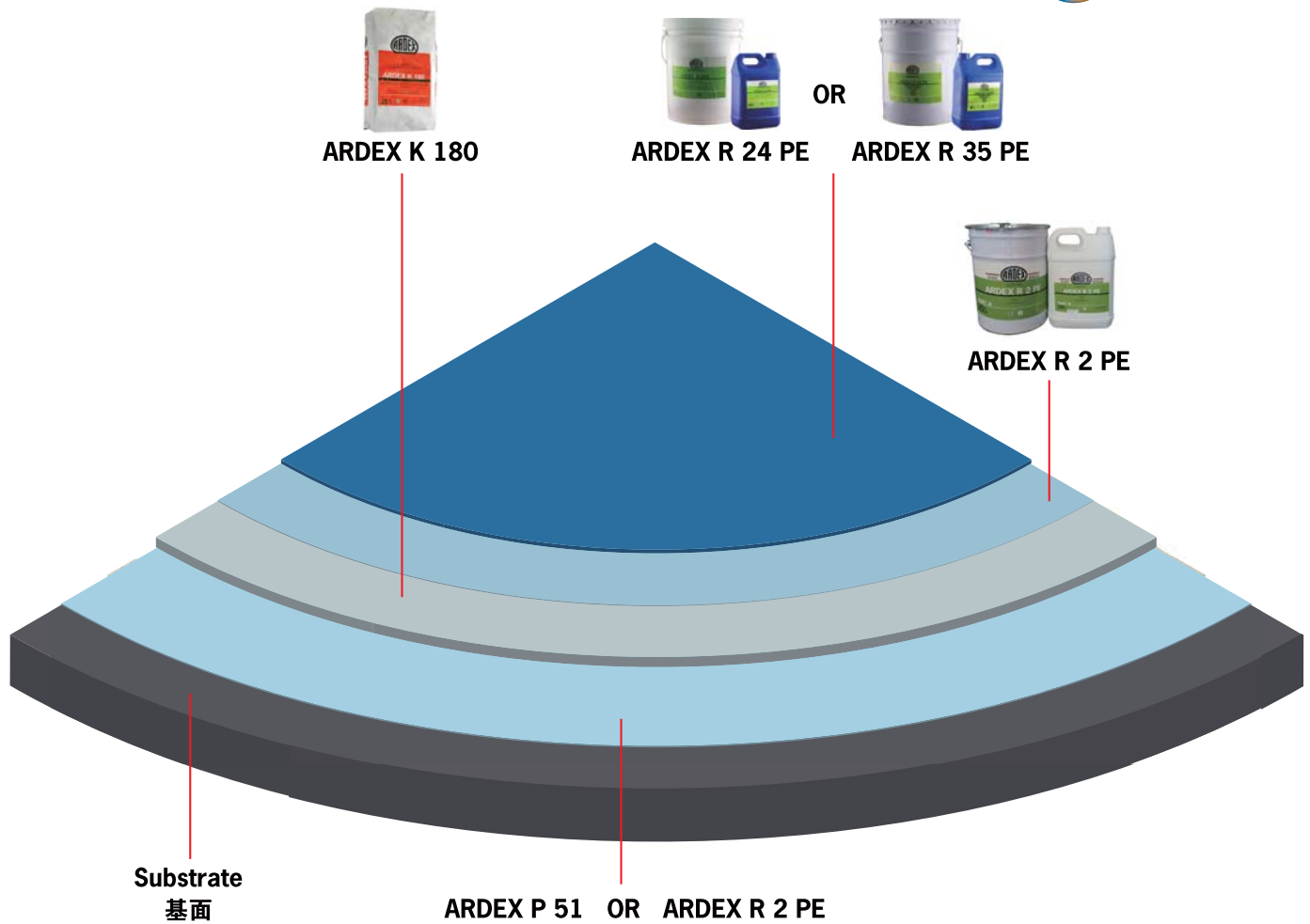
### 弹性聚氨酯系统:

- 弹性
- 耐久性
- 抗冲击
- 防紫外线
- 容易维护
- 维修方便
- 裂缝桥接能力
- 亚光/高光表面
- 高耐磨

### Elastic PU Self-levelling:

- Flexible
- Durable
- Impact resistance
- UV stable
- Easy maintenance
- Easy to repair
- Crack-bridging
- Matt/Gloss finish
- High abrasion resistance

# 系统介绍 3 – 环氧自流平/薄涂系统 Flooring Solutions III - Epoxy Self-leveling / Coating System



- 环氧自流平 / 薄涂系统:**
- 无尘
  - 美观
  - 清洁维护方便
  - 无溶剂

- Epoxy self-leveling system:**
- Dust-Free
  - Decoration
  - Easy to clean and maintain
  - Solvent-free





ARDEX K 320

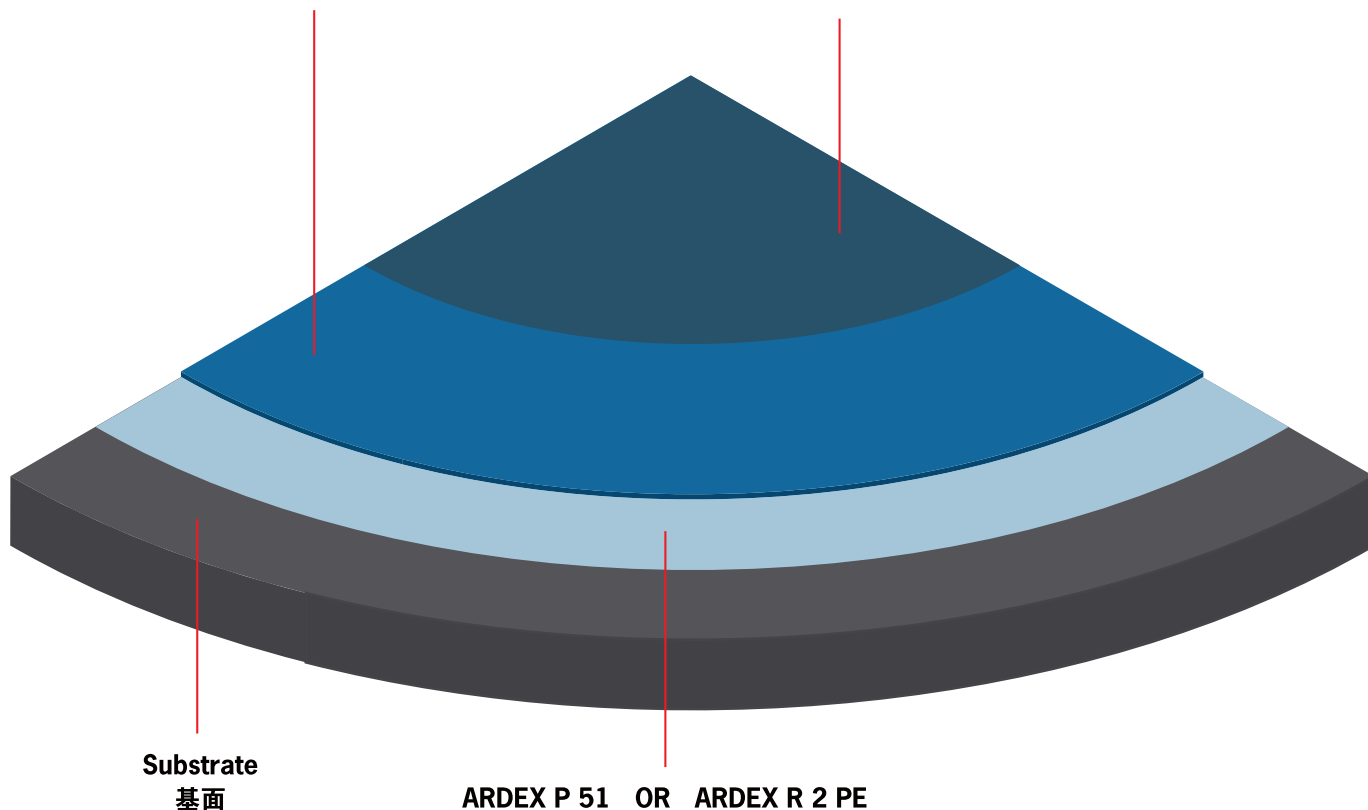


ARDEX R 50 A

OR



ARDEX R 65 P



**面层水泥基自流平系统:**

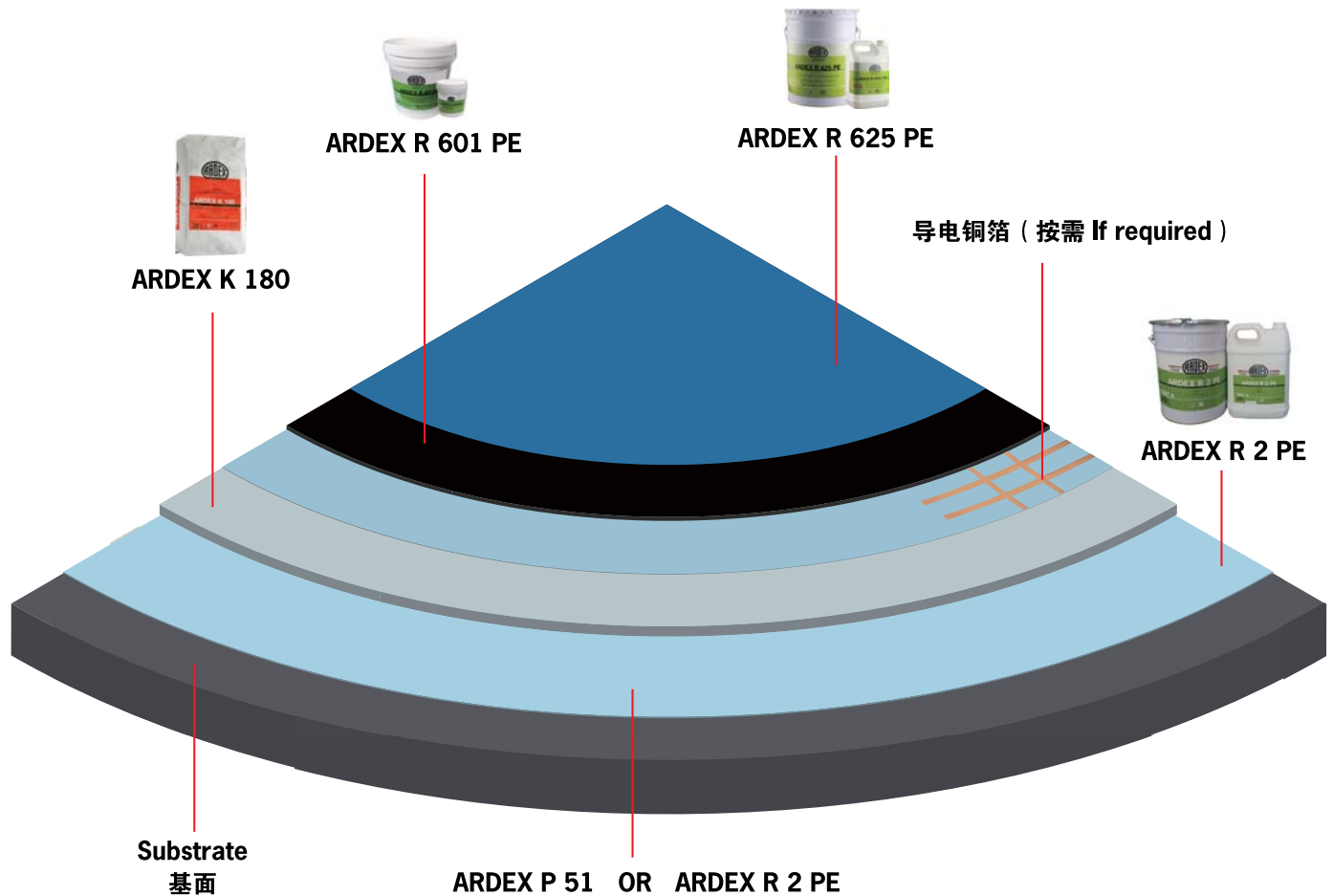
- A<sub>1</sub>防火等级
- 适用于高架仓库, 厂房, 工业区域, 商场, 家用车库, 停车场等。
- 超平地面
- 强度发展快
- 彩色
- 低VOC含量

**Cement Based self-leveling**

**Topping system:**

- A<sub>1</sub> fire rating
- Warehouse, workshops, industrial areas, domestic garages, parking lot, etc
- Super Flat Floor
- Fast strength gain
- Colorful
- Low VOC

# 系统介绍 5 – 防静电环氧地坪系统 Flooring Solutions V - Anti-static Epoxy Flooring System



**防静电环氧地坪系统：**

- 有效疏导地面静电，保护人员及设备安全
- 特别适用于对静电控制要求比较高的车间等
- 体电阻值  $R=10^4-10^9\Omega$

**Anti-static Epoxy Flooring System：**

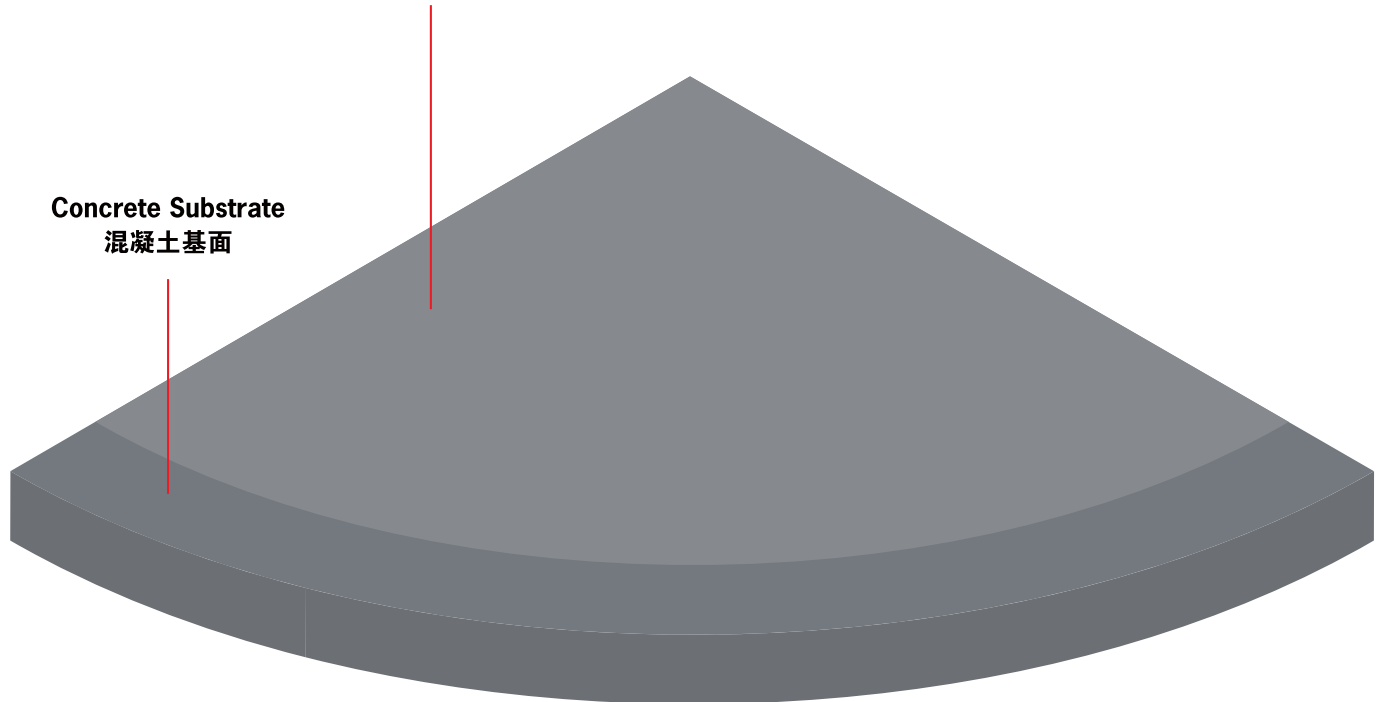
- Can eliminate the static on the floor to protect people and equipment
- Very suitable for high static sensitive workshops
- Ground resistance value  $R=10^4-10^9\Omega$



ARDEX DH



ARDEX PC 50



Concrete Substrate  
混凝土基面

**混凝土硬化地坪系统:**

- 适用于工厂、仓库、停车库、车间等混凝土地面
- 经济实用
- 高耐磨
- 抗冲击
- 使用寿命长
- 易于维护
- 根据需要可做成高光效果，美观

**Concrete Floor Hardening System:**

- Designed for concrete floors of factory, warehouse, car park, workshops etc.
- Cost efficient
- High abrasion
- High impact resistance
- Long life expectancy
- Easy maintenance
- High glossfinish (if required), good appearance



# 产品介绍 Product Introduction



## ARDEX R 70 P 自流型中承载聚氨酯砂浆 Medium Duty Polyurethane Screed

### 产品描述:

ARDEX R 70 P是一高性能自流平型聚氨酯砂浆地坪，具高耐磨性，抗化学腐蚀性，抗冲击，耐高温等特点。特别适合于耐化学腐蚀性和有洁净要求的场所，如食品加工厂、屠宰场、饮料生产厂、乳制品厂和一般中承载需求和高交通流量的生产区域等。

### 技术数据:

材料物理性能 (20°C) 实验室环境下  
操作时间: 15分钟  
开放步行: 24小时  
完全通行: 48小时  
完全固化: 7天  
粘结强度: >1.5MPa  
抗压强度: 48MPa  
抗折强度: 20MPa  
抗拉强度: 7MPa  
耐磨性: 达到BS 8204 Part 2特殊级标准  
防滑性: 达到BS 8204 Part 2满意级标准, 在干湿状况下  
抗冲击性能: 达到BS 8204 Part 1高抗冲击标准

### 包装及储存期:

三组份, 20kg, 6个月。

### DESCRIPTION:

Specialist applied, polyurethane resin floor finish, combining outstanding wearing properties with high chemical resistance and pleasing decorative properties. Ideally suited in aggressive areas where a seamless, joint free finish is required and maximum cleanliness is essential. Factories and general heavy duty plant and traffic areas are just some of the environments that can benefit from the tough chemically resistant system.

### TECHNICAL DATA:

Physical properties at 20°C Approximately  
Working life: 15 mins  
Light traffic: 24 hours  
Full traffic: 48 hours  
Full chemical cure: 7 days  
Bond strength: > 1.5MPa  
Compressive strength: 48MPa  
Flexural strength: 20MPa  
Tensile strength: 7MPa  
Abrasion resistance: Classified 'Special Duty' under BS 8204: Part 2: 2002 (9)  
Slip resistance: Classified 'Satisfactory' under BS 8204: Part 2: 2002 (9), wet and dry  
Impact resistance: Classified 'High Impact Resistance' under BS 8204: Part 1: 1999

### PACKAGING & SHELF-LIFE:

Three parts, 20kg, 6 months.



## ARDEX R 90 P 镟整型重承载聚氨酯砂浆 Rake and Trowel Grade Heavy Duty Polyurethane Screed

### 产品描述:

ARDEX R 90 P为一高性能的聚氨酯砂浆地坪，具有强度高、耐磨性好、抗化学腐蚀性强、耐温范围广等特点。特别适合于对抗化学腐蚀性和使用洁净程度要求高的场所，如食品加工厂、屠宰场、饮料生产厂、乳制品厂和重承载需求和高交通流量的生产区域等,优越的防滑性能提供更安全的作业环境。

### 技术数据:

材料物理性能 (20°C) 实验室环境下  
操作时间: 15分钟  
开放步行: 24小时  
完全通行: 48小时  
完全固化: 7天  
粘结强度: >1.5MPa  
抗压强度: 52MPa  
抗折强度: 14MPa  
抗拉强度: 6MPa  
耐磨性: 达到BS 8204 Part 2特殊级标准  
防滑性: 达到BS 8204 Part 2满意级标准, 在干湿状况下  
抗冲击性能: 达到BS 8204 Part 1高抗冲击标准

### 包装及储存期:

四组份, 28.9kg, 6个月。

### DESCRIPTION:

Specialist applied, polyurethane resin floor finish, combining outstanding wearing properties with high chemical resistance and decorative properties. Ideally suited to aggressive areas where a seamless, joint free finish is required and maximum cleanliness is essential. Food processing and storage, abattoir's, drinks production, dairies and general heavy duty plant and traffic areas are just some of the environments that can benefit from this slip resistant system.

### TECHNICAL DATA:

Physical properties at 20°C Approximately  
Working life: 15 mins  
Light traffic: 24 hours  
Full traffic: 48 hours  
Full chemical cure: 7 days  
Bond strength: >1.5MPa  
Compressive strength: 52MPa  
Flexural strength: 14MPa  
Tensile strength: 6MPa  
Abrasion resistance: Classified 'Special Duty' under BS 8204: Part 2: 2002 (9)  
Slip resistance: Classified 'Satisfactory' under BS 8204: Part 2: 2002 (9), Wet and dry  
Impact resistance: Classified 'High Impact Resistance' under BS 8204: Part 1: 1999

### PACKAGING & SHELF-LIFE:

Four parts, 28.9kg, 6 months.



## ARDEX R 10 P 踢脚线和垂直表面聚氨酯砂浆 Polyurethane Coving and Wall Render

### 产品描述:

ARDEX R 10 P是用于踢脚线和垂直表面的聚氨酯砂浆。具有卓越的耐化学性能和耐磨性能。是理想的高洁净度、无缝地面材料。适用于食品加工与贮藏，屠宰场，饮料，乳制品和重承载厂房。

### 技术数据:

物理性能 (23°C)

桶中待料时间:	10 分钟
轻载使用:	24小时
完全使用:	48小时
完全固化:	7 天
粘结强度:	>1.5MPa
抗压强度:	45MPa
抗弯强度:	11MPa
抗拉强度:	5MPa

### 包装及储存期:

13.9kg / 每组, 6个月。

### DESCRIPTION:

Specialist applied, polyurethane resin, wall and coving finish, combining outstanding wearing properties with high chemical resistance and decorative properties. Ideally suited for aggressive areas where a seamless, joint free finish is required and maximum cleanliness is essential. Food processing and storage, abattoirs, drinks production, dairies and general heavy duty plant and traffic areas are just some of the environments that can benefit from this system.

### TECHNICAL DATA:

Physical properties at 23°C Approximately

Pot life:	10 mins
Light use:	24 hours
Full use:	48 hours
Full chemical cure:	7 days
Bond strength:	>1.5MPa
Compressive strength:	45MPa
Flexural strength:	11MPa
Tensile strength:	5MPa

### PACKAGING & SHELF-LIFE:

A 13.9kg/pack, 6 months.



## ARDEX R 15 P Low Viscosity Repair System and 聚氨酯砂浆地坪修补面漆 Renovation Coating for Application to Polyurethane Floors

### 产品描述:

ARDEX R 15 P是一种无溶剂，低粘度的修复材料，也可以作为涂层应用于聚氨酯砂浆地面。

ARDEX R 15 P薄涂层可用于维修聚氨酯面漆地面，可改善外观效果，使表面更易清洁。ARDEX R 15 P也适合聚氨酯地坪上的标线漆，如ARDEX R 90 P。

### 技术数据:

物理性能 (23°C)

可操作时间:	10分钟
轻载使用:	24小时
完全使用:	48小时
完全固化:	7 天
粘结强度:	>1.5MPa

### 包装及储存期:

3.3 kg / 每组, 6个月。

### DESCRIPTION:

ARDEX R 15 P is a solvent free, low viscosity repair material which may also be used as a coating for application to polyurethane floors. ARDEX R 15 P can be used for repairs and applications where a thin coating is required to reduce texture or improve appearance and cleaning. ARDEX R 15 P is also suitable for application as a line marking paint on previously applied polyurethane floors, such as ARDEX R 90 P.

### TECHNICAL DATA:

Physical Properties at 23°C Approximately

Working life:	10 mins
Light traffic:	24 hours
Full traffic:	48 hours
Full chemical cure:	7 days
Bond strength:	> 1.5MPa

### PACKAGING & SHELF-LIFE:

A 3.3kg/pack, 6 months.

## 产品介绍 Product Introduction



### ARDEX R 7 PP 无溶剂型聚氨酯底漆 Polyurethane Primer

#### 产品描述:

ARDEX R 7 PP是ARDEX PU地坪系列配套的双组份无溶剂聚氨酯底漆, 固化后涂膜附着力优异并具有良好的柔韧性, 可抵抗混凝土基材出现的细微裂纹。与细骨料混合后, 可用于停车库及多种工业地面中作增厚或修补之用。可滚涂或镘刀镘涂。

#### 技术数据:

颜色:	褐色或浅褐色
固体含量:	约100%
干燥时间 (23°C)	
表干:	6小时
实干:	24小时
完全固化:	7天
可操作时间 (23°C):	15分钟

#### 包装及储存期:

Part A 22.5kg+Part B 5kg, 12个月。

#### DESCRIPTION:

ARDEX R 7 PP polyurethane primer is solvent-free polyurethane for ARDEX PU coating system with excellent adhesion after curing and very good flexibility. It is able to withstand the micro cracks appearing in concrete. The cured surface provides high resistance to mechanical wear and chemical attack.

#### TECHNICAL DATA:

General	
Color:	brown
Solid content:	approximately 100%
Drying time (23°C)	
Touch dry:	6 hours
Full dry:	24 hours
Full chemical cure:	7 days
Pot life (23°C):	15 minutes

#### PACKAGING & SHELF-LIFE:

Part A 22.5kg+Part B 5kg, 12 months.



### ARDEX R 120 PP 无溶剂弹性聚氨酯中涂 Polyurethane Body Coat

#### 产品描述:

ARDEX R 120 PP是双组份无溶剂预称量包装的, 便于现场混合使用的高性能聚氨酯涂层。固化后具有高强度、弹性、耐化学腐蚀等性质。特别适合用于维修工程项目。

#### 技术数据:

颜色:	各色
光泽:	高光
固体含量:	约100%
干燥时间 (23°C)	
表干:	6小时
实干:	24小时
完全固化:	7天
使用时间 (23°C):	15分钟
接着强度:	4MPa
拉伸强度:	11MPa
断裂延伸率:	≥35%
根据GB/T 5210-2006	

#### 包装及储存期:

Part A 20Kg+Part B 5Kg, 12个月。

#### DESCRIPTION:

ARDEX R 120 PP is high performance PU body coating, supplied as two components in pre-measured packs for ease of on-site mixing and use. The cure surface forms a tough, elastic resistant to water and chemicals. Ideally suited for substrate preparation and industry floor system repairing.

#### TECHNICAL DATA:

General	
Color:	various
Luster:	Highly glazed
Solid content:	approximately 100%
Drying time (23°C)	
Touch dry:	6 hours
Full dry:	24 hours
Full chemical cure:	7 days
Pot life (23°C):	15 minutes
Bond strength:	4MPa
Tensile strength:	11MPa
Elongation:	≥ 35%
GB/T 5210-2006	

#### PACKAGING & SHELF-LIFE:

Part A 20kg+Part B 5kg, 12 months.



## 产品介绍 Product Introduction



### ARDEX R 121 PP 无溶剂聚氨酯自流平 Solvent Free Polyurethane Self-leveling

#### 产品描述:

ARDEX R 121 PP为双组份无溶剂型聚氨酯自流平产品。具有一定的柔韧性抵御基层细微裂纹，耐化学品腐蚀。适用于机械加工生产区域的地面，特别适合维修、改造项目。

#### 技术数据:

物理性能 (23°C)

可操作时间:	20分钟
复涂间隔时间:	6-24小时
可步行时间:	48小时
完全固化:	7天
表面硬度:	65 (肖氏硬度D)
抗拉强度:	16MPa
断裂延伸率:	6%
粘结强度:	>2MPa

#### 包装及储存期:

Part A 18kg+Part B 5kg, 12个月。

#### DESCRIPTION:

ARDEX R 121 PP is two parts solvent-free Polyurethane self-leveling to build a flexible and chemical resistance surface. Ideally for manufactory and warehouse area. Especially ideal for maintenance and renovation projects.

#### TECHNICAL DATA:

Physical properties at 23°C	Approximately
Working time:	20 mins
Time between coats:	6-24 hours
Walkability:	48 hours
Full cure:	7 days
Surface hardness:	65 (Shore Hardness D)
Tensile strength:	16MPa
Elongation:	6%
Adhesive strength:	>2MPa

#### PACKAGING & SHELF-LIFE:

PartA 18kg+Part B 5kg, 12 months.



### ARDEX R 114 PP 水性聚氨酯封闭面漆 Water Based Polyurethane Sealer

#### 产品描述:

ARDEX R 114 PP为双组份水性聚氨酯封闭面漆，具有优异的耐磨抗紫外线性能。适用于ARDEX R 120 PP或ARDEX R 121 PP聚氨酯涂层表面的保护，同时也可用于ARDEX环氧涂层表面的保护，增强耐磨性和抗紫外线功能。

#### 技术数据:

物理性能 (23°C)

颜色:	透明或各色
光泽:	高光/哑光
可操作时间:	60分钟
可步行时间:	24小时
完全固化:	7天
耐磨性:	15mg (CS17磨轮 加载750g/500r)
粘结强度:	>2MPa

#### 包装及储存期:

Part A 5kg+Part B 1kg, 12个月。

#### DESCRIPTION:

ARDEX R 114 PP is a two parts water based polyurethane sealer. The cure surface forms a wear resistance, UV resistance. Ideally sealer for ARDEX R 120 PP, ARDEX R 121 PP and ARDEX Epoxy Coating improve the wear and UV resistance properties.

#### TECHNICAL DATA:

Physical properties at 23°C	Approximately
Color:	translucent or various
Luster:	Gloss/Matt
Working time:	60 mins
Workability:	24 hours
Full cure:	7 days
Wear resistance:	15mg (CS17,750g/500r)
Adhesive strength:	>2MPa

#### PACKAGING & SHELF-LIFE:

Part A 5kg+Part B 1kg, 12 months.



## ARDEX R 115 PP 溶剂型聚氨酯面漆 Polyurethane Top Coating

### 产品描述:

ARDEX R 115 PP 聚氨酯面漆是一种双组份溶剂型聚氨酯地坪面漆材料。固化后的地面具有很高的机械耐磨性、耐化学腐蚀性。在室外使用具有杰出的抗紫外线性能。可用作各类地坪涂装系统的面涂层。因为其具有优越的耐紫外线性能，特别适用于暴露在室外的地坪面层。

### 技术数据:

颜色:	各色液体
光泽:	高光
固体含量:	约65%
干燥时间 (23°C)	
表干:	6小时
实干:	24小时
完全固化:	7天
可操作时间:	1小时

### 包装及储存期:

Part A 20kg+Part B 4kg, 12个月。

### DESCRIPTION:

ARDEX R 115 PP polyurethane top coating is a solvent-based polyurethane coating. The cured floor provides high resistance to mechanical wear and chemical attack. The system exhibits an enhanced abrasion and crack resistance. Outstanding UV resistance performance for exterior application.

### TECHNICAL DATA:

General	
Color:	liquids of various colors
Luster:	highly glazed
Solid content:	approximately 65%
Drying time (23°C)	
Touch dry:	6 hours
Full dry:	24 hours
Full Chemical cure:	7 days
Pot life (23°C):	1 hour

### PACKAGING & SHELF-LIFE:

Part A 20kg+Part B 4kg, 12 months.



## ARDEX R 116 PP 高耐磨防滑聚氨酯面漆 High Wear Resistance PU Top Coating

### 产品描述:

ARDEX R 116 PP 高耐磨防滑聚氨酯面漆是一种三组份高固含量溶剂型聚氨酯涂料。用于树脂地坪系统的面层，具有卓越的耐磨性、抗划痕性、防滑性能。该系统同时具备良好的耐化学性能。基于其出色的耐紫外线性能，该产品同样适合用于室外应用。

### 技术数据:

颜色:	透明或各色
外观:	半光 (固化后)
固含量:	约 90%
干燥时间 (23°C)	
表干:	4h
完全干燥:	24h
完全固化:	7天
耐磨性:	~10mg (CS17磨轮, 750g/500r)
桶中待料时间 (23° C):	30分钟
铅笔硬度:	4H

### 包装及储存期:

本产品含A、B和C三组份，9kg/组 (透明)。在5-30°C下保持未开封和干燥条件，并避免阳光直射，本产品可储存12个月。

### DESCRIPTION:

ARDEX R 116 PP High Wear Resistance PU Top Coating is a solvent-based, high solid content polyurethane coating. The cured floor provides high resistance to mechanical wear, scratch, slippery and good chemical resistance. ARDEX R 116 PP has outstanding UV resistance performance for exterior application.

### TECHNICAL DATA:

General	
Color:	translucent or various
Appearance:	half matt gloss (when cured)
Solid content:	approx. 90%
Drying time (23°C)	
Tack free:	4h
Full dry:	24h
Full Chemical cure:	7 days
Abrasion:	~10mg (CS17, 750g/500r)
Pot life (23°C):	30mins
Hardness:	4H

### PACKAGING & SHELF-LIFE:

Part A + Part B + Part C, 9Kg/set (translucent). Can be kept for 12 months from date of manufacture if stored in original unopened packaging in a dry enclosed place without exposure to direct sunlight with temperature from 5-30°C.

## 产品介绍 Product Introduction



### ARDEX R 24 PE 无溶剂环氧自流平 Solvent Free Self-leveling Epoxy Resin Floor

#### 产品描述:

ARDEX R 24 PE为一双组份无溶剂环氧自流平。具有高流动性，硬度高，耐磨损，容易清洁及装饰效果佳等特性。特别适合用于工业场所需较高抗污及抗化学侵蚀的轻、中等工业生产场所，如实验室，洁净室，制药及医院等高洁净度标准的场所皆适用。

#### 技术数据:

操作时间:	30分钟
开放步行:	24小时
完全固化:	7天
建议施工厚度:	1-2mm
固含量:	~97%
抗压强度:	70MPa
抗拉强度:	2MPa
耐磨性:	达到BS 8204 Part2 特殊级标准

#### 包装及储存期:

A组份 环氧树脂 15.5kg + B组份 固化剂 4.5kg, 12个月。

#### DESCRIPTION:

ARDEX R 24 PE Solvent Free Self-leveling Epoxy Resin Floor is high performance, epoxy resin floor, the cured resin forms a pigmented, smooth, tough, hard wearing, easily cleaned layer. Combining outstanding wearing properties with chemical resistance and decorative properties it is ideally to be used in Laboratories, clean rooms and general light & medium industrial environments such as workshops, production and processing areas.

#### TECHNICAL DATA:

Working time:	30 mins (23°C)
Open to foot traffic:	24 hours
Fully cured:	7 days
Recommended	
Application thickness:	1-2mm
Solid content:	~97%
Compressive strength:	70MPa
Tensile strength:	2MPa

#### PACKAGING & SHELF-LIFE:

Part A 15.5kg+Part B 4.5kg, 12 months.



### ARDEX R 35 PE 无溶剂环氧涂层 Solvent Free Thin Coat Epoxy

#### 产品描述:

ARDEX R 35 PE无溶剂型环氧涂层。表面耐磨，易清洁，同时具有耐化学品腐蚀的性能。适用于机房设备间，配电室，办公区域等低载荷无尘要求的区域。

#### 技术数据:

可操作时间:	30 mins
两涂之间间隔时间:	8-24 hours
开放步行:	24 hours
完全固化:	7 days
固含量:	97%
干膜厚度为两涂或者多涂，每涂200微米。	

#### 包装及储存期:

A组份 16kg, B组份 4kg, 12个月。

#### DESCRIPTION:

To provide a tough, hard wearing, easily cleaned surface in industrial environments where a degree of higher resistance to chemical attack is required.

It is suitable for use in light duty area, such as workshops, office.

#### TECHNICAL DATA:

Pot life:	30 mins
Time between coats:	8-24 hours
Walkability:	24 hours
Full cure:	7 days
Solid content:	97%
Dry film thickness for two or more coats	200 microns per coat

#### PACKAGING & SHELF-LIFE:

Part A 16kg+Part B 4kg, 12 months.



## ARDEX R 601 PE 环氧导电底漆 Conductive Epoxy Primer

### 产品描述:

ARDEX R 601 PE是一种双组份水性环氧导电底漆，用作防静电环氧地坪系统（如精密仪器、电子车间等）的底漆。

ARDEX R 601 PE与无溶剂环氧底漆（如ARDEX R 2 PE）有很好的粘结力。

### 技术数据:

一般	
颜色:	黑色 (A组份), 透明 (B组份)
干燥时间 (20°C)	
表干:	12小时
完全固化:	7天
固含量:	约52%
接地电阻值:	$10^3 \sim 10^4 \Omega$
粘结强度 (与环氧底漆):	2MPa

### 包装及储存期:

Part A 5kg (树脂) + Part B 1kg (硬化剂), 12个月。

### 混合比例:

Part A:Part B= 5:1 (重量比)

### DESCRIPTION:

ARDEX R 601 PE is a two component, water based, conductive epoxy primer designed for high performance anti-static system flooring (such as precise instrument and electronic device workshops).

ARDEX R 601 PE has good adhesion with normal epoxy primer, such as ARDEX R 2 PE.

### TECHNICAL DATA:

General	
Color:	Black (Part A), transparent (Part B)
Drying time (20°C)	
Touch dry:	12 hours
Full cure:	7 days
Solid content:	approx. 52%
Resistance to ground:	$10^3 \sim 10^4 \Omega$
Adhesion with epoxy primer:	2MPa

### PACKAGING & SHELF-LIFE:

Part A 5kg + Part B 1kg, 12 months.

### MIXING RATIO:

Part A:Part B=5:1 (by weight).



## ARDEX R 625 PE 防静电环氧自流平 Anti-static Epoxy Self-leveling Coating

### 产品描述:

ARDEX R 625 PE是一种双组份无溶剂型防静电环氧自流平。主要应用于如下区域:

- 电子厂房
- 易燃易爆区域, 如面粉加工厂
- 配电室, 数控加工机械, 电池生产
- 精密仪器工业

### 技术数据:

一般	
颜色:	标准或定制 (A组份), 透明 (B组份)
干燥时间 (20°C)	
表干:	10小时
完全固化:	7天
接地电阻值:	$10^4 \sim 10^9 \Omega$
抗压强度:	$\geq 65 \text{MPa}$
固含量:	约98.8%
消耗量:	约1.3kg/m <sup>2</sup>

### 包装及储存期:

Part A 20kg (树脂) + Part B 4kg (硬化剂), 12个月。

### 混合比例:

Part A:Part B=5:1

### DESCRIPTION:

ARDEX R 625 PE is a two-component, solvent free, epoxy floor self leveling coating. It's designed for varies of areas where constant anti-static is required.

- Microelectronics industry, automatic industry
- Explosive warehouse, such as flour factory
- Control room, CNC machinery, battery production
- Precision machinery industry

### TECHNICAL DATA:

General	
Color:	Standard or customized (Part A), translucent (Part B)
Appearance:	colored liquid (Part A), liquid (Part B)
Pot life:	30mins (20°C)
Drying time (20°C)	
Tack free:	10 hours
Full cure:	7 days
Compressive strength:	$\geq 65 \text{MPa}$
Solid content:	approx. 98.8%
Consumption:	approx. 1.3kg/m <sup>2</sup>

### PACKAGING & SHELF-LIFE:

Part A 20kg +Part B 4kg, 12 months.

### Mixing ratio:

Part A:Part B=5:1





## ARDEX K 320 高早强耐磨面层自流平 High Early Strength Self-leveling Topping

### 产品描述:

ARDEX K 320是快干型水泥自流平面材，约3-4小时后即可上人行走，约24小时后即可进行后续施工。ARDEX K 320是由特殊水泥、可再分散胶粉、精选骨料和其他特殊添加剂颜料组成。

室内应用。

可用于仓库、车间、商业区域、停车场等。

有多种颜色供选择。

### 技术数据:

施工温度范围: 10°C-35°C

湿浆密度: 约2.0kg/L

湿浆pH值: 约12

流动时间(20°C): >20分钟

可步行时间(20°C): 约3-4 小时

施工厚度(单层): 5-10mm

工业应用: > 5mm

加入集料后施工厚度: 10-25mm

砂浆养护

后续施做浸封剂/涂料的等待时间:

对于大多数原料 约为24小时

对于湿气敏感材料 约为48小时

耐椅子滚轮 是

是否适合地热系统: 是

是否适合潮湿区域: 否

冻融循环稳定性: 否

根据中国标准JC/T985-2005

流动度

初始流动度: 约140mm

20分钟流动度: 约130mm

抗压强度

1天后 约16.3MPa

28天后 约40MPa

抗折强度

1天后 约5.1MPa

28天后 约9MPa

粘结强度: 约2MPa

尺寸变化率: -0.09%

耐磨性: 0.35g

抗冲击性: 无开裂或脱离底板

### 包装及储存期:

25kg, 6个月。



### DESCRIPTION:

ARDEX K 320 is a rapid hardening self leveling compound, walkable after approximately 3-4 hours and ready for use after 24 hours. Light yellowish or coloured powder with special cements, high quality synthetic resins, selected fillers and other special additives. Filling, smoothing and leveling of concrete slabs and cementitious screeds prior to sealing, coating or covering with suitable floor coverings; Wearing surfaces in warehouses, workshops, industrial areas, domestic garages, parking lots, etc.

### TECHNICAL DATA:

In Accordance with ARDEX Quality Standards

Wet-Fresh-Mixed Mortar

Application Temperature: 10°C-35°C

Mixed Mortar Density: approx. 2.0kg/L

pH of Fresh Mortar: approx. 12

Flow Time (20°C): >20 minutes

Walkability (20°C): approx. 3-4 hours

Application Thickness: 5-10mm

Industrial Application: > 5mm

Thickness with Aggregate: 10-25mm

Cured Mortar

Ready for Sealing/Coating (20°C / 50%RH):

For most materials approx. 24 hours

For moisture-sensitive approx. 48 hours

Resistant to Chair Castors: Yes

Suitable with Floor Heating: Yes

Moisture Tolerant: No

Freeze-Thaw Stable: No

In Accordance with Chinese National Standard: JC/T985-2005

Flow

Initial: approx. 140mm

At 20 minutes: approx. 130mm

Compressive Strength

After 1 day: approx. 16.3MPa

After 28 days: approx. 40MPa

Flexural Strength

After 1 day: approx. 5.1MPa

After 28 days: approx. 9MPa

Adhesion Strength: approx. 2MPa

Shrinkage: -0.09%

Abrasion Resistance: 0.35g

Impact Resistance: No cracks or delamination

### PACKAGING & SHELF-LIFE:

25kg, 6 months.



## ARDEX K 180 高强水泥基垫层自流平 Industrial Self-leveling Underlay

### 产品描述:

适用于室内干燥而且养护完整的水泥砂浆找平层或混凝土地面上。高强度，适合商业和工业地坪使用，如：停车场，地下室，仓库，车间等。ARDEX K 180 是高强水泥基自流平垫层，4小时后可开放步行，24-72小时可铺设表面材料。特种水泥和高品质胶粉混合而成的灰色粉末。

### 技术数据:

流动时间 (23°C):	20分钟
开放步行时间(23°C):	4小时
施工厚度:	4-10mm
施工厚度 (加骨料):	10-25mm
根据中国国家标准:	JC/T985-2005
流动度	
初始:	>135mm
20分钟:	>130mm
抗压强度	
1天后:	12MPa
28天后:	40MPa
抗折强度	
1天后:	4MPa
28天后:	8.5MPa
粘结强度:	1.8MPa
尺寸变化率:	-0.1%
抗冲击性:	无开裂或脱离底板

### 包装及储存期:

25kg, 6个月。

### DESCRIPTION:

ARDEX K 180 is a rapid hardening self-leveling compound, walk able after approximately 4 hours and typically ready for use after 24 - 72 hours. Grey powder with special cements, high quality synthetic resins, selected fillers and other special additives.

Dry, internal, cementitious sub-floors.

Filling, smoothing and leveling of concrete slabs and cementitious screeds prior to application of industrial floor coatings such as epoxies and polyurethanes.

### TECHNICAL DATA:

Flow Time (23°C):	20 minutes
Walkability (23°C):	4 hours
Application Thickness:	4-10mm
Thickness with Aggregate:	10-25mm
In Accordance with Chinese National Standard:	JC/T985-2005
Flow	
Initial:	135mm
At 20 minutes:	130mm
Compressive Strength	
After 1 day:	12MPa
After 28 days:	40MPa
Flexural Strength	
After 1 day:	4MPa
After 28 days:	8.5MPa
Adhesion Strength:	1.8MPa
Shrinkage:	-0.1%
Impact Resistance:	No cracks or de-lamination

### PACKAGING & SHELF-LIFE:

25kg, 6 months.



## 产品介绍 Product Introduction



### ARDEX R 65 P 水性聚氨酯表面封闭涂层 Water Based Polyurethane Sealer

#### 产品描述:

双组份, 水性聚氨酯涂层, VOC含量低, 用于ARDEX K 320水泥自流平面层封闭, 形成易清洁、抗渗、透明、哑光的封闭面层。

#### 技术数据:

可操作时间: 30分钟  
可步行时间: 24小时  
完全固化: 7天  
VOC含量:  $\leq 80\text{g/L}$

#### 耐化学腐蚀:

如有耐化学腐蚀要求, 请参见相关ARDEX无溶剂环氧和聚氨酯系统产品技术数据。

#### 包装及储存期:

双组份, 6.6kg (每组)。6kg A组份, 0.6kg B组份, 12个月。

#### DESCRIPTION:

Two component, water based polyurethane coating, low VOC. To provide an easily cleaned surface and improved water resistance, transparent and matt finish surface for ARDEX K 320 floors.

#### TECHNICAL DATA:

Pot life: 30 mins  
Foot traffic: 24 hours  
Full cure: 7 days  
VOC content:  $\leq 80\text{g/L}$

#### CHEMICAL RESISTANCE:

Where there are specific chemical resistance requirements, please consult the relevant data sheets for the ARDEX solvent free range of epoxy and polyurethane systems.

#### PACKAGING & SHELF-LIFE:

2 packs, 6.6kg (6kg Part A, 0.6kg Part B), 12 months.



### ARDEX R 50 A 地坪浸封剂 Water Based Sealer

#### 产品描述:

ARDEX R 50 A地坪浸封剂为透明、水性丙烯酸类浸封剂。

#### 技术数据:

色泽: 透明  
触干: 约40mins (玻璃上)  
含量: 约21%  
密度: 1.01kg/L  
VOC含量: 45g/L

#### 包装及储存期:

15L桶装, 9个月。

#### DESCRIPTION:

To provide an transparent, water based sealer for ARDEX K 320 floors.

#### TECHNICAL DATA:

Color: Transparent  
Touchable: 40mins (on glass)  
Solid content: approx. 21%  
Density: 1.01kg/L  
VOC content: 45g/L

#### PACKAGING & SHELF-LIFE:

15L/Bucket, 9 months.





## ARDEX PC 50 混凝土锂基液体硬化剂 Lithium Hardener Densifier for Standard Concrete

### 产品描述:

ARDEX PC 50混凝土锂基液体硬化剂是一种经济高效的化学处理剂,通过研磨和抛光(采用金属和树脂磨片)工序,可以大大地提高建筑混凝土地面表面硬度和密实度。ARDEX PC 50具有强渗透性和不溶性,涂刷在普通的混凝土表面可迅速地渗透到混凝土内,并与之反应,形成坚硬的致密的表面,经机械打磨、抛光后,可大大地延长混凝土的使用寿命,并使混凝土表面具有一定的光泽。在安装ULTRAFLOOR® 系统并进行抛光时,或重新抛光和修复磨损或损坏表面时,ARDEX PC 50不可或缺。本产品仅限室内使用。

### 包装及储存期:

20L桶装或160L桶装。  
未开启状态下一年。

### DESCRIPTION:

ARDEX PC 50 Lithium Densifier is an economical, cost effective chemical treatment used to enhance the grinding and polishing process (metal and resin-bonded abrasives) of architectural polished concrete surfaces. ARDEX PC 50 rapidly produces a harder, denser surface that is easily profiled and polished. Its deep penetrating, non-soluble properties provide longer life and higher reflectivity. Ultimately, this results in superior durability, exceptional shine retention and reduced floor maintenance costs. ARDEX PC 50 is crucial to the installation of the ULTRAFLOOR® System when polishing, or re-polishing and restoring worn or damaged surfaces. Interior use only.

### PACKAGING & SHELF LIFE:

20L or 160L in bucket.  
12 months shelf life in original unopened package.



## ARDEX DH 干撒式混凝土耐磨骨料 Dryshake Concrete Hardener

### 产品描述:

ARDEX DH干撒式混凝土耐磨骨料是由精选骨料、特种水泥和聚合物添加剂组成而成,与新浇结构混凝土同时施工并处理后,即可在混凝土表面形成一层致密的耐磨损面层。

### 技术数据:

颜色:	本色、浅灰色、红色、绿色
耐磨强度:	与混凝土相比,耐磨性提高5-10倍
抗压强度:	>70MPa@28天
抗折强度:	>8MPa@28天
莫氏硬度:	7-8

### 包装及储存期:

25kg袋装。  
干燥未开封情况下,约12个月。

### DESCRIPTION:

ARDEX DH Dryshake Concrete Hardener is consisted of selected aggregates, special cement and polymer additives. ARDEX DH will form a dense concrete anti-abrasion layer on concrete surface when applied and treated together with newly poured concrete.

### TECHNICAL DATA:

Color:	neutral, light gray, red, green
Wear resistance:	wear resistance is increased by 5-10 times comparing with concrete
Compressive strength:	>70MPa @28 天
Flexural strength:	>8MPa @28 天
Moh's hardness:	7-8

### PACKAGING & SHELF LIFE:

25kg in paper bag.  
12 months when stored in dry conditions in the original un-opened packaging.





## ARDEX A 35 快凝早强水泥 Rapid Setting and Drying Cement for Floor Screeds

### 产品描述:

ARDEX A 35 快凝早强水泥与 0-8mm 粒径粗沙混合再加水拌合后, 可作为各种水泥砂浆层使用。其成份中含特殊合成树脂使其易于操作, 镟整后约三个小时即可开放步行; 若作为非直接接触地坪(Floating floor) 以保温板或隔离膜与基底隔离者, 一天后可继续进行各类表面覆盖, 符合 DIN18560 及 DIN18353 地坪砂浆要求。室内使用, 不可用于长期浸水处。

### 技术数据:

混合比例: 1: 4配比 25kg本品+100kg (0-8mm)沙+ (6-11L)水  
1: 5配比 25kg本品+125kg (0-8mm)沙+ (6-11L)水

新拌湿浆密度: 约2.0kg/L

操作时间(23°C): 60分钟

开放步行(23°C): 约3小时

抗压强度:	1: 4配比	1: 5配比
	1天后 25MPa	1天后 20MPa
	3天后 35MPa	3天后 30MPa
	28天后 45MPa	28天后 35MPa

抗折强度:	1: 4配比	1: 5配比
	1天后 5MPa	1天后 5MPa
	3天后 6MPa	3天后 6MPa
	28天后 7MPa	28天后 7MPa

锈蚀性: 不含导致钢筋锈蚀成份

地暖系统: 可

### 包装及储存期:

25kg, 6个月。

### DESCRIPTION:

ARDEX A 35 is a special cement for producing a rapid setting, rapid hardening and rapid drying floor screed. After only one day the compressive strength and tensile bending strength of an ARDEX A 35 screed exceeds the acceptable minimum attained by an ordinary cement screed after 28 days and is also dry, irrespective of thickness.

ARDEX A 35 can be used to produce a bonded screed, an unbonded floor screed laid onto a membrane, or a floating floor screed laid onto a compressive quilt/insulating material.

### TECHNICAL DATA:

Weight of fresh mortar:	approx. 2kg/litre
Working time at 23°C:	approx. 60 minutes
Initial Set (Vicat) at 23°C:	approx. 100 minutes
Final Set (Vicat) at 23°C:	approx. 160 minutes
Compressive Strength:	1:4      1:5
After 1 day	25.0MPa    20.0MPa
After 3 days	35.0MPa    30.0MPa
After 28 days	45.0MPa    35.0MPa
Tensile Bending Strength:	1:4      1:5
After 1 day	5.0MPa    5.0MPa
After 3 days	6.0MPa    6.0MPa
After 28 days	7.0MPa    7.0MPa

### PACKAGING & SHELF-LIFE:

25kg, 6 months.





## ARDEX A 42 高强度室内修补砂浆 High Strength Internal Repair Mortar

### 产品描述:

ARDEX A 42是一种用于室内修补的早凝快干、抗垂流的特种功能性砂浆。该产品干固很快并能提供您所期望的砂浆强度和硬度。在23℃环境下，工作时间约45分钟，2-3小时即可硬化上人行走，接续进行其它施工。

### 技术数据:

一般信息，按ARDEX质量标准

粉剂

干粉密度: 约1.5kg/L

硬化时间: 2-3小时

湿浆

工作温度: 5℃ - 35℃

湿浆密度: 约2.0kg/L

养护后

抗压强度:

6小时后 约15MPa

1天后 约22MPa

7天后 约32MPa

28天后 约38 MPa

抗折强度:

6小时后 约4MPa

1天后 约5MPa

7天后 约7MPa

28天后 约8MPa

收缩: <0.08%

耐磨: <0.25g

粘结强度: 约1.5MPa

### 包装及储存期:

25kg袋装，未开封储存于室内阴干处约6个月。

### DESCRIPTION:

ARDEX A 42 is a rapid setting and drying, slump-free mortar for internal repairs. The mortar dries and hardens rapidly to give a repair of exceptional strength and hardness in the color similar to concrete. The mixed mortar sets after approximately 45 minutes and can be trafficked after 2-3 Hours at 23°C.

### TECHNICAL DATA:

Powder

Bulk Density of Powder: approx. 1.5kg/L

Weight of fresh mortar: approx. 2.0kg/L

Hardening time: 2-3hrs

Compressive strength:

After 6hrs approx. 15MPa

After 1 day approx. 22MPa

After 7 days approx. 32MPa

After 28 days approx. 38MPa

Flexural strength:

After 6hrs approx. 4MPa

After 1 day approx. 5MPa

After 7 days approx. 7MPa

After 28 days approx. 8MPa

Shrinkage: <0.08%

Abrasion resistance: <0.25g

Adhesion: approx. 1.5MPa

### PACKAGING & SHELF-LIFE:

25kg multi-layer paper bags incorporating a poly liner.

ARDEX A 42 has a shelf life of approximately 6 months if stored in dry conditions in the original un-opened packaging.



## ARDEX A 45 快速修补砂浆 Rapid Drying and Hardening Internal Patch-up Mortar

### 产品描述:

ARDEX A 45是一种用于室内修补的早凝快干、不流坠的特种功能性砂浆。该产品干固很快并能提供您所期望的砂浆强度和硬度。在20℃环境下，工作时间约15分钟，1.5小时即可硬化上人行走，接续进行其它施工。整平和修补室内楼梯踏步、普通砂浆基面、混凝土地面等；填补墙面、天花板等的孔洞；修复门窗框架的四周基面；填补管道周围孔隙；可镟整坡道，从坡底薄边可镟整到一定厚度；可用于墙底弧角或踢脚成形边角圆整修补。

### 技术数据:

养护后抗压强度:	
1天后 (23℃):	>15MPa
28天后 (23℃):	约25MPa
抗折强度:	
1天后 (23℃):	> 4MPa
28天后 (23℃):	约6MPa
粘结强度:	1.6MPa

### 包装及储存期:

25kg, 6个月。

### DESCRIPTION:

ARDEX A 45 is a rapid drying and hardening, slump free mortar for internal repairs. The mixed mortar sets after 15 minutes and can be trafficked after just 1.5 hours regardless of thickness at 20°C.

ARDEX A 45 is ideal for:

- Repairing and refacing internal concrete stair treads and risers, cement and sand screeds, concrete floors.
- Filling and patching cracks in walls, ceilings and soffits.
- Making good around pipework, door and window frames.
- Forming ramps from a feather edge to normal screed thicknesses.
- Forming coves.

### TECHNICAL DATA:

Compressive Strength (DIN 1164):	
After 1 day (23℃):	>15MPa
After 28 days (23℃):	25MPa
Tensile Bending Strength (DIN 1164):	
After 1 day (23℃):	>4MPa
After 28 days (23℃):	6MPa
Adhesion Strength:	1.6MPa

### PACKAGING & SHELF-LIFE:

25kg, 6 months.



## ARDEX A 50 External Rapid Hardening Repair Mortar 全能型快速修补砂浆

### 产品描述:

ARDEX A 50是一种用于室内外修补的早凝、抗垂流的特种功能性砂浆。该产品能在较短时间内提供您所期望的砂浆强度和硬度。混合后的砂浆约有60分钟的工作时间，在23° C 情况下约3小时后可以上人行走。

### 技术数据:

粉剂	
干粉密度:	约 1.4kg/L
湿浆密度:	约 2.05kg/L
可进行后续贴砖:	3-4小时
抗压强度:	
1天后	约12MPa
7天后	约20MPa
28天后	约28MPa
抗折强度:	
1天后	约2MPa
7天后	约5MPa
28天后	约8MPa
收缩:	<0.1%
耐磨:	<0.1g
粘结强度:	约1.5MPa

### 包装及储存期:

25kg袋装，未开封储存于室内阴干处约6个月。

### DESCRIPTION:

ARDEX A 50 is a rapid hardening, slump-free mortar for internal and external repairs. The mortar hardens rapidly to give a repair of exceptional strength and hardness. The mixed mortar sets after approximately 60 minutes and can be trafficked after approx. 3 Hours at 23°C.

### TECHNICAL DATA:

Powder	
Bulk Density of Powder:	approx. 1.4kg/L
Weight of fresh mortar:	approx. 2.05kg/L
Ready for tiling over:	3-4hrs
Compressive strength:	
After 1 day	approx. 12MPa
After 7 days	approx. 20MPa
After 28 days	approx. 28MPa
Flexural strength:	
After 1 day	approx. 2MPa
After 7 days	approx. 5MPa
After 28 days	approx. 8MPa
Shrinkage:	<0.1%
Abrasion resistance:	<0.1g
Adhesion:	approx. 1.5MPa

### PACKAGING & SHELF-LIFE:

25kg multi-layer paper bags incorporating a poly liner. ARDEX A 50 has a shelf life of approximately 6 months if stored in dry conditions in the original un-opened packaging.



## ARDEX WPM 256 水性环氧树脂增强剂&界面剂 Water Based Epoxy Bonding Bridge

ARDEX WPM 256为一透明、双组份水性环氧聚酰胺产品。主要作为新、旧混凝土间的粘结界面剂使用。亦可作为多种材料表层浸封剂使用及不同材质间的界面处理剂，当与水泥基材料混合后可大幅增强粘结性及抗压强度。1:1配比容易使用。对基材容忍性大。只需清水即可稀释及清洗。

ARDEX WPM 256 (HydrEpoxy 256) is a two component water based epoxy polyamide unpigmented wet-on-wet primer new to old concrete bonding bridge and admixture for cement based materials.



## ARDEX WPM 300 水性环氧树脂防潮膜 Water Based Epoxy Membrane



ARDEX WPM 300 为一双组份水性环氧聚酰胺树脂防潮层材料，符合饮用水用料标准。可用于防止上升潮气以及负水压。

ARDEX WPM 300 (HydrEpoxy 300) is a two component water based epoxy polyamide membrane/barrier coating, designed for use in situation of rising damp to resist negative hydrostatic water pressure. Approved for use with potable (drinking) water, independent testing confirms conformity with the requirements of AS4020. 2000 & BS6920.



## ARDEX DPM 双组份环氧表面防潮膜



ARDEX DPM是一种无溶剂、低粘度的双组分环氧树脂。ARDEX DPM在完全固化后，其膜层在各种基层上（甚至在潮湿基面上）具有卓越的粘结强度。ARDEX DPM在相对湿度高达98%时仍然适用。

ARDEX DPM is a solvent free, low viscosity, two component epoxy resin. After hardening the ARDEX DPM produces a membrane with high inherent strength and excellent bond strength to appropriate substrates including very damp concrete and screeds. ARDEX DPM accommodates hygrometer readings up to 98% RH.



## ARDEX WPM 006(II) 双剂型弹性防水膜 (II型) Waterproofing Type II

ARDEX WPM 006 (II) 为一双组份，高粘结性，柔性防水层。

ARDEX WPM 006 (II) is a two component, high adhesion, flexible waterproofing membrane.



### ARDEX R 2 PE 无溶剂型环氧树脂底漆 Solvent Free Epoxy Primer

ARDEX R 2 PE为一组双组份的无溶剂型环氧树脂底漆，为ARDEX工业地坪系统中的环氧地坪系统特别配制。

ARDEX R 2 PE Solvent Free Epoxy Primer is a two component non-solvent epoxy resin special formulated to be used as a primer to the application of ARDEX Self-leveling Epoxy System where surfaces are very porous, more than one coat of ARDEX R 2 PE primer may be required to achieve the desired bonding efficiency.



### ARDEX R 3 E 环氧耐潮底漆 Solvent Free Epoxy Primer

ARDEX R 3 E为一组双组份无溶剂环氧耐潮底漆，用于ARDEX亚地斯聚氨酯砂浆或环氧自流平施工前轻微非持续性的潮湿混凝土或水泥砂浆基层上打底用，同样也可作为针对轻微非持续性潮湿基面上施做一定厚度的工业等级水泥基自流平浇筑作业前的环氧撒砂拉毛界面层。基层持续性的返潮或湿气上升应使用ARDEX DPM防潮膜。

ARDEX R 3 E Solvent Free Epoxy Primer is a two component solvent free epoxy resin for use with ARDEX polyurethane screeds, self-smoothing epoxy floor coatings and ARDEX cement/sand screeds. Blind with ARDEX Fine Aggregate (0.5-1mm Sand) and use as a primer prior to application of the ARDEX Industrial Floor System, or other appropriate ARDEX cement-based products. Where surfaces are very porous, more than one coat of primer may be required to achieve the desired bonding efficiency.



### ARDEX R 6 E 环氧耐油底漆 Oil Tolerant Epoxy Primer

ARDEX R 6 E为一组双组分无溶剂环氧耐油底漆，用于ARDEX亚地斯聚氨酯砂浆或环氧自流平施工前遭油污污染的混凝土或水泥砂浆基层上打底用，同样也可做为针对油污污染基而上施工一定厚度的工业等级水泥基自流平浇筑作业前的环氧撒砂拉毛接着层。

ARDEX R 6 E Oil Tolerant Epoxy Primer is a two component solvent free epoxy resin for use on oil contaminated concrete or cementitious substrates prior to installing ARDEX polyurethane screeds and self-smoothing epoxy floor coatings. Blind with ARDEX Fine Aggregate and use as a primer prior to applying thick applications of the ARDEX cement-based products.



### ARDEX Degreaser 除油剂

ARDEX DGR除油剂是一种可以分解油垢、油污、蜡等污染物的液体，用于遭油污污染基地地清洗。

This is a liquid which is highly effective in removing grease, wax, etc., reducing these contaminants to a water dispersible consistency.



### ARDEX P 82 水性合成树脂底涂剂 Water Dispersed Epoxy Primer

无溶剂双组份反应合成树脂。

ARDEX P 82 A组份为淡粉红色，B组份为白色。以1:1配比混合涂布于基面使用，干燥后形成强力接着界面，密度约为1kg/L，PH值约为11。

ARDEX P 82 is a two-part water based synthetic dispersion primer and bonding agent. It is non-flammable and non-corrosive. ARDEX P 82 forms a priming/bonding layer on most substrates, particularly smooth or dense surfaces. For interior use only in intermittently damp locations.



### ARDEX P 51 界面剂 Primer and Bonding Agent

ARDEX P 51可作为浸封底层孔隙、接着界面剂使用。作为底涂剂主要功能为抑制底层孔隙中所含空气上升导致后续表面气孔产生，及避免功能性砂浆拌合施工后其水分过快被底层吸收造成水化作用的不完整。ARDEX P 51亦可作为暂时性的表面浸封使用，能达到防污防尘及较好养护的效果。无溶剂，白色合成分散型树脂涂布后干燥快速，能阻绝水分渗入。

This product is used to prepare internal surfaces to receive cement-based levelling compounds, adhesives, screeds, as well as plaster-based materials, improving adhesion and inhibiting penetration of water in intermittently damp locations. It is used as a pore sealer on floor surfaces to prevent air bubbles rising through subsequently applied sub-floor smoothing and levelling compounds and to prolong their flow life and workability. Only for use as a primer on floors that are dry and have an effective damp proof membrane.





### **ARDEX E 25** **Synthetic Resin Dispersion** **水泥自流平增强剂**

#### **产品说明**

ARDEX E 25是一种乳胶状合成树脂多功能砂浆，与ARDEX地坪材料或修补材料混合时，能增强材料的弹性、抗拉及耐磨性能。

#### **应用范围**

应用于高流量区域，以及对耐磨要求较高的区域。

#### **混合及使用**

针对不同的ARDEX产品及不同使用条件，我们推荐不同的稀释比例。

请在使用前咨询ARDEX技术服务部获取专业支持。

#### **包装和储存期**

ARDEX E 25为20L桶装，请避免霜冻和阳光直射。

#### **DESCRIPTION**

ARDEX E 25 is a milky, synthetic resin dispersion for many applications. When mixed with ARDEX flooring leveling compound and repair mortar, it could improve the resilience, tensile strength and abrasion resistance.

#### **AREAS OF APPLICATION**

ARDEX E 25 is suitable for high traffic and high abrasion required areas.

#### **MIXING AND APPLICATION**

For mixing with different ARDEX products in different conditions, we recommend dedicated ratios.

Please consult ARDEX Technical Services for professional advice.

#### **PACKAGING AND SHELF LIFE**

ARDEX E 25 is supplied in 20L containers. Protect from frost and direct sunlight.





**Floor Levelling Compounds/  
Repair Mortars**  
自流平/修补砂浆



**Waterproof Coatings**  
防水, 防潮



**Floorcovering Adhesives**  
地材粘结剂



**Resin Flooring**  
树脂地坪



**Fast Leveling Screeds**  
快速找平砂浆



**Renders**  
饰面砂浆



**Tile Adhesives**  
瓷砖粘结剂



**Primer, DPM**  
底涂剂, 防潮膜

**ARDEX WORLDWIDE 亚地斯全球**



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