



# FAST TRACK CONCRETE REPAIR



REPAIR MORTARS | CONCRETE RESURFACING | CRACK & SCREED REPAIR | WATERPROOFING



Our company's heritage dates back more than 60 years, and as a global manufacturer of Fast Track Building Products, ARDEX has remained at the forefront of the UK construction industry. ARDEX offer an extensive range of products, designed to work together to provide complete fast track system solutions to both new build, and refurbishment projects.

From Rapid Drying Fairing Coats for re-profiling concrete in thin applications, to Fast Setting Levelling and Repair Mortars for the repair of rough or damaged concrete, all ARDEX products reduce drying and waiting times, and help facilitate the early installation of the final finish.

ARDEX strive to promote professionalism, technical standards and best practice, and with all our products manufactured under a quality system certified to ISO 9001, 14001 and 18001, we produce systems you can trust.



Reg No. FM 1207

EMS 565427

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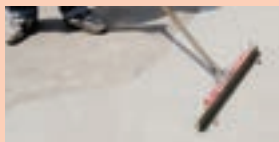
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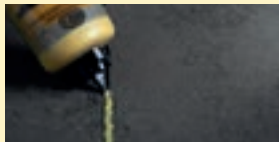
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## CRACK & SCREED REPAIR



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## ANCILLARY PRODUCTS



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# SOLVENT FREE EPOXIDE LIQUID WATERPROOF MEMBRANE

ARDEX WPM 200



- Ideal for use under raised access floors, plant rooms, lift pits and wet areas
- Provides a water and water vapour barrier
- Suitable for BS 8102 Type A waterproof barriers
- Chemically resistant
- FeRFA Class 2 resin floor coating that, with a sand scatter, gives a reduced slip wearing surface
- EN 1504 certified and CE Marked

**ARDEX WPM 200** has been specifically developed to provide a water and water vapour barrier to concrete, screeded, rendered or masonry surfaces, steel and other hard surfaces.

## Installation Schedule

THICKNESS:  
**200 microns**



WORKING TIME:  
**20 minutes**



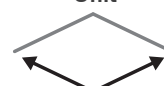
WALK ON:  
**8 hours**



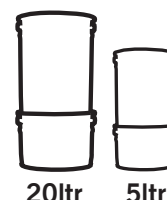
OVER COAT TIME:  
**8 hours**



COVERAGE:  
**96m<sup>2</sup> per coat at  
200μ per 20 Litre  
Unit**



## Pack Size



20ltr

5ltr

## Suitable for:

- ✓ Plant rooms
- ✓ Wet areas
- ✓ Raised access floors
- ✓ Tanking for tiling
- ✓ Waterproofing for rendering
- ✓ Swimming pools



# MULTI-PURPOSE REPAIR MORTAR (R2)

ARDEX A 46



- EN 1504 R2 polymer modified cementitious repair mortar
- Ideal for repairing damaged concrete
- No priming required
- Sets within 30 minutes
- Slump free – ideal for vertical and overhead repairs
- Easy to smooth and float
- Shrinkage compensated

**ARDEX A 46** is a slump free, rapid setting mortar for repairs, smoothing and refacing. Suitable for external and internal use, it sets in only 30 minutes and can receive finishes in 4 hours regardless of thickness.

## Installation Schedule

APPLICATION DEPTH:  
**2-50mm**



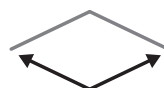
WORKING TIME:  
**15-20 minutes**



SETTING TIME:  
**30 minutes**



COVERAGE:  
**4m² at 2mm  
per 11kg**



## Pack Size



## Suitable For:

- |                          |                       |                 |
|--------------------------|-----------------------|-----------------|
| ✓ As struck concrete     | ✓ Repairing bug holes | ✓ Gaps          |
| ✓ Building ramps         | ✓ Stair nosings       | ✓ Wall edges    |
| ✓ Filling tie bolt holes | ✓ Cracks              | ✓ Soffit repair |

# RENOVATION COMPOUND & LIGHTWEIGHT HIGH BUILD REPAIR MORTAR

## ARDEX A 950



- Polymer Modified Cementitious Lightweight Repair Mortar for Internal Use
- Slump free, apply from 2mm to 100mm
- Can receive finishes after 24 hours regardless of thickness
- Ideal for general building work, filling large cavities and deep holes around door frames
- No priming required
- Non-combustible – Reaction to fire Class A1 (EN 13501-1)
- Low-tension and shrinkage compensated, even in thick layers

**ARDEX A 950** is a multi-purpose lightweight high build repair mortar that can be used to repair walls and floors. ARDEX A 950 can be applied from 2mm to 100mm, and will harden in as little as 1 hour, regardless of thickness.

### Installation Schedule

APPLICATION DEPTH:  
**2-100mm**



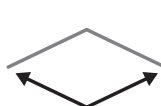
WORKING TIME:  
**30-40 minutes**



DRYING TIME:  
**From 90 minutes**



COVERAGE:  
**8m² at 3mm thick**



### Pack Size



### Suitable for:

- |                                       |                                    |                     |
|---------------------------------------|------------------------------------|---------------------|
| ✓ Internal floors, walls and ceilings | ✓ Boxing in pipework               | ✓ Electrical chases |
| ✓ Large cavities and deep holes       | ✓ Making columns and pedestals     |                     |
| ✓ Dot and dab fixing of plasterboards | ✓ Modelling architectural features |                     |

# FAIRING COAT AND FINE REPAIR MORTAR

ARDEX A 125



- EN 1504 R1 polymer modified cementitious repair mortar
- Ideal for the vertical and overhead repair of surface defects and damage
- Finishes to a smooth surface suitable for painting
- Fast track - ready to receive decorative finishes the next day
- Extended pot life of 4 hours
- Increased coverage over traditional fairing coats
- Non-combustible – reaction to fire Class A1 (EN 13501-1)
- EN 1504 certified and CE Marked

**ARDEX A 125** is a grey, cement-based, fine coat finishing render, fairing coat and fine repair mortar. Suitable for the rapid repair of many types of concrete surface imperfections, to produce a level and smooth finish. Can also be used on blockwork and renders.

## Installation Schedule

APPLICATION DEPTH:  
**0-5mm**



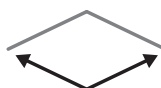
WORKING TIME:  
**Approx 30 minutes**



DRYING TIME:  
**24 hours**



COVERAGE:  
**5m<sup>2</sup> at 3mm  
thick**



## Pack Size



## Suitable for:

- |                         |  |                             |
|-------------------------|--|-----------------------------|
| ✓ Vertical and overhead | ✓ Blockwork                                      | ✓ Internal and external use |
| ✓ Concrete              | ✓ Sand renders                                   |                             |
| ✓ Brickwork             | ✓ Receiving paints and cement resistant coatings |                             |

# WHITE UNIVERSAL REPAIR MORTAR AND FAIRING COAT

ARDEX F 5



- Polymer modified white cementitious fairing coat
- Ideal for the vertical and overhead repair of surface defects and damage
- Apply paints and other finishes the next day
- Extended working time of 30 minutes
- Slump free and easy to apply
- Internal and external use
- Brilliant White

**ARDEX F 5** is a brilliant white, cementitious, MICROTEC Fibre Reinforced Fairing Coat and Lightweight Repair Mortar. For use on internal and external locations, ARDEX F 5 is ideal for edging repairs, filling cavities, cracks, gaps and holes on vertical and overhead surfaces. Produces a level and smooth finish.

## Installation Schedule

APPLICATION DEPTH:  
**0-20mm**



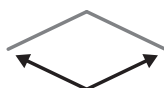
WORKING TIME:  
**30 minutes**



DRYING TIME:  
**24 hours**



COVERAGE:  
**27m² at 1mm per  
27kg bag**



## Pack Size



## Suitable for:

- |                                 |                            |
|---------------------------------|----------------------------|
| ✓ Absorbent construction boards | ✓ Gypsum based plasters    |
| ✓ Concrete                      | ✓ Dispersion based paints  |
| ✓ Cement/sand render            | ✓ Dispersion based renders |



# EXTERIOR SELF LEVELLING CONCRETE RESURFACING COMPOUND

ARDEX K 301



- Flowable Cementitious Levelling and Repair Mortar - for the repair and levelling of rough or damaged concrete
- Suitable for internal and external applications onto concrete and bonded cement/sand screeds
- For smoothing and resurfacing paths, drives, domestic parking areas, courtyards, etc.
- Fast setting - walkable after 2-3 hours
- Rapid hardening - can withstand light vehicular traffic after 48 hours
- Apply from 2mm to 20mm thick in a single application

**ARDEX K 301** is fast setting resurfacing compound, ideal for exterior concrete areas including damaged drives, paths, patios and larger surface areas such as domestic car parks and courtyards. It is easy to mix and apply and can be pumped for faster application.

## Installation Schedule

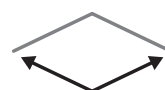
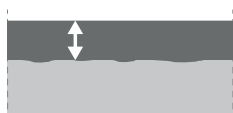
APPLICATION DEPTH:  
**2-20mm**

WORKING TIME:  
**30 minutes**

WALK ON:  
**After 2-3 hours**

DRYING TIME:  
**48 hours**

COVERAGE:  
**3m<sup>2</sup> at 5mm  
per bag**



## Pack Size



## Suitable for:

- |                 |                    |            |
|-----------------|--------------------|------------|
| ✓ Driveways     | ✓ Balconies        | ✓ Walkways |
| ✓ Court yards   | ✓ Patios           |            |
| ✓ Parking areas | ✓ Domestic garages |            |

# RAPID DRYING INDUSTRIAL TOPPING/WEARING SURFACE

ARDEX K 80



- Withstands heavy wheeled traffic and has AR1 abrasion resistance
- Wearing surface for industrial and commercial areas
- 5mm - 10mm over existing concrete surfaces
- Can receive a range of surface finishes including suitable resin coatings, tiles and natural stone and paint
- EN 13813 Cementitious Screed

**ARDEX K80** is a specially formulated cement-based compound for resurfacing and levelling existing concrete floors to give a hard, smooth, flat, wearing surface or as a base for suitable paint and resin coatings.

## Installation Schedule

APPLICATION DEPTH:  
**5-10mm**



WORKING TIME:  
**30 minutes**



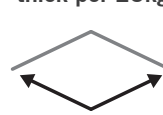
WALK ON:  
**2 hours**



DRYING TIME:  
**24 hours**



COVERAGE:  
**3m² at 5mm  
thick per 25kg**



## Pack Size



## Suitable for:

- ✓ Workshops
- ✓ Warehouses
- ✓ Stores
- ✓ Factories
- ✓ Light industrial traffic

# RAPID CRACK REPAIR RESIN KIT

ARDEX P 10 SR



- Easy to use, no mixing equipment required
- Fast setting and load bearing in as little as 20 minutes
- Full kit provided for the stitch repair of cracks and joints
- Low viscosity with high penetrating capabilities
- Odourless and low emissions

**ARDEX P 10 SR** is designed for the rapid repair of non-structural cracks, joint sealing and as a rapid general-purpose adhesive. It's a quick hardening solvent free polymer-modified 2 component silicate resin system. The kit is very easy to use and includes stitching pins, protective gloves and mixing/dosing bottles.

## Installation Schedule

APPLICATION DEPTH:  
**Variable**



WORKING TIME:  
**10 minutes**



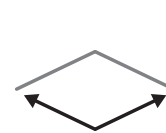
WALK ON:  
**20 minutes**



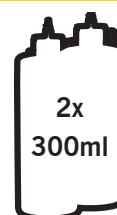
DRYING TIME:  
**20 minutes**



COVERAGE:  
**4 Linear meters**



## Pack Size



## Suitable for:

- |                             |           |
|-----------------------------|-----------|
| ✓ Concrete                  | ✓ Metal   |
| ✓ Sand & cement screeds     | ✓ Plastic |
| ✓ Underfloor heated screeds | ✓ Wood    |



# PENETRATING SCREED RENOVATION SYSTEM

ARDEX PSRS

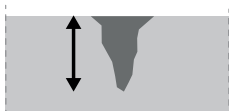


- Penetrates into the defective screed, filling voids resulting from poor compaction
- Ideal for overnight renovation of screeds
- Consolidates screeds to BS-8204-1 Soundness Category A
- Low odour and solvent free

**ARDEX PSRS** is an ultra-low viscosity, solvent free, two component, epoxy resin; designed for strengthening and restoring poorly compacted and low strength cement/sand screeds that do not meet the required in-situ crushing resistance value when tested.

## Installation Schedule

APPLICATION DEPTH:  
**Variable**



WORKING TIME:  
**20 minutes**



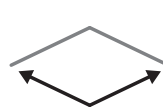
WALK ON:  
**4 hours**



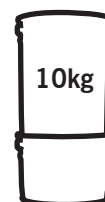
OVER COAT TIME:  
**4-24 hours**



COVERAGE:  
**3-5kg per m<sup>2</sup>**



## Pack Size



## Suitable for:

- ✓ Poorly compacted and low strength cement/sand screeds



# PRIMERS, REINFORCING TAPE & AGGREGATES

## ANCILLARY PRODUCTS

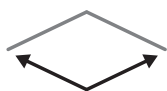
### ARDEX P 51

#### CONCENTRATED WATER-BASED PRIMER & BONDING AGENT

- Multi-purpose – seals and primes a wide range of applications
- Blue pigment allows clear identification of primed areas
- Convenient resealable tub



COVERAGE:  
160m<sup>2</sup> per 5kg tub



**ARDEX P 51** is a multi-purpose primer ideal for porous surfaces prior to the application of ARDEX K 301.

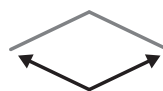
### ARDEX R 3 E

#### MOISTURE TOLERANT EPOXY PRIMER

- For use on damp surfaces
- Can be sand blinded for thicker flooring systems
- Solvent free



COVERAGE:  
100m<sup>2</sup> per 25kg tub



**ARDEX R 3 E** is a two component solvent free epoxy resin primer which can be sand blinded for use with ARDEX K 80.

### ARDEX WPM 200

#### REINFORCING TAPE

- Easy to cut
- Self adhesive



SIZE:  
15m in length at  
100mm wide

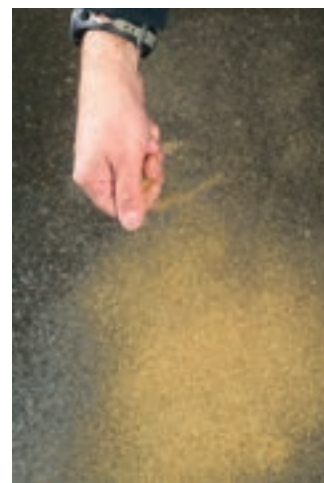


Self adhesive Butyl rubber coated waterproof tape. For the reinforcement of angles underneath ARDEX WPM 200 Liquid Waterproof Membrane.

### ARDEX AGGREGATE

#### FINE AGGREGATE

- Fine aggregate for sand blinding
- Dry and pre-packed



PACK SIZE:



**ARDEX Aggregates** are perfect for fully blinding epoxy primers.

## TECHNICAL HELPLINE

The ARDEX Technical Services Department is available to answer any technical questions between 08:30 and 17:00 GMT Monday to Friday.

Tel: 01440 714939

Email: [technical\\_admin@ardex.co.uk](mailto:technical_admin@ardex.co.uk)

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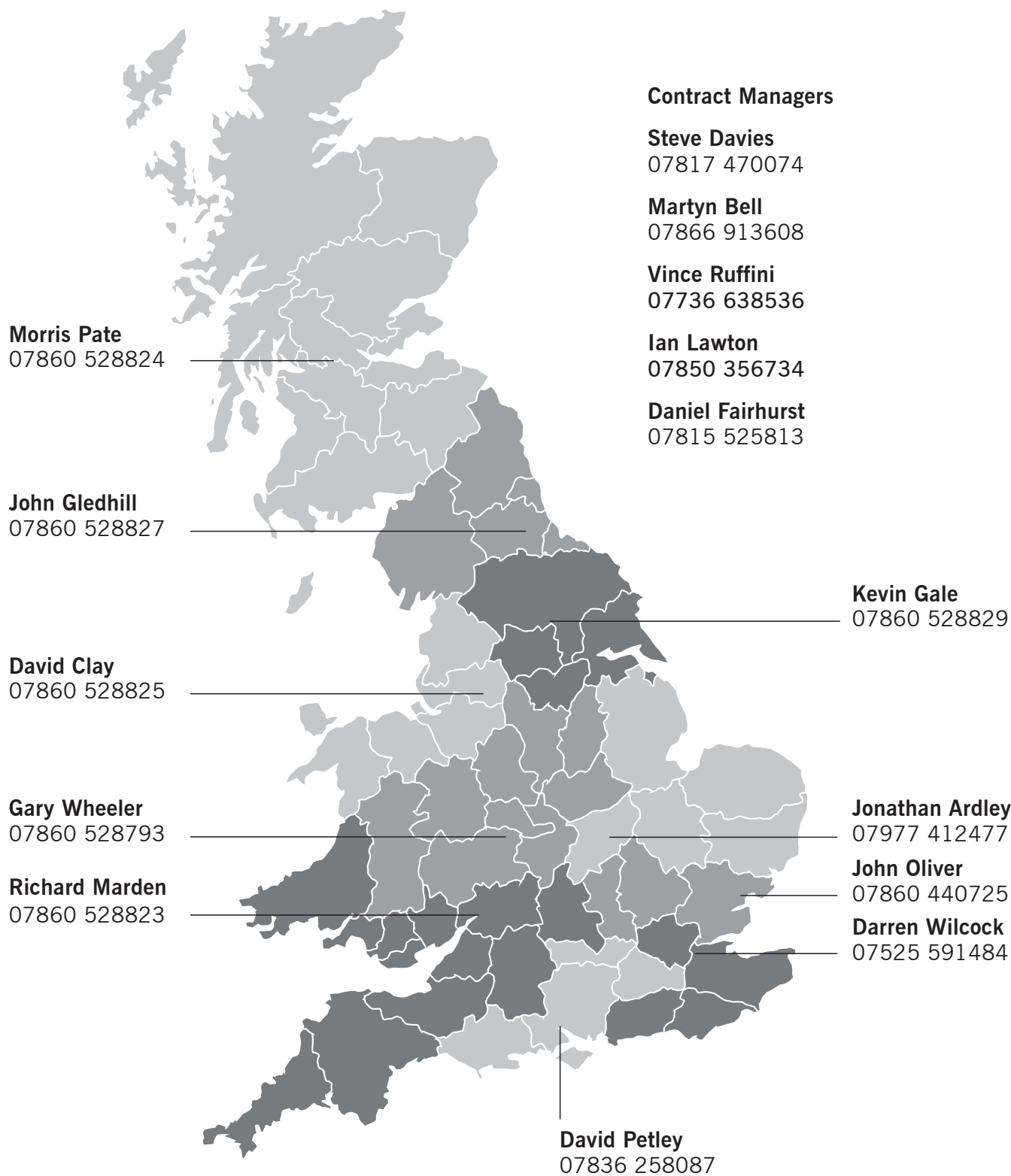
## ARDEX TRAINING

ARDEX offer a range of demonstrations and seminars that can be tailored to your specific needs. Courses can either be taken at the ARDEX Training Academy in Haverhill, Suffolk, or at an alternative location of your choice.

Training is carried out by our team of technical experts who have both extensive knowledge and practical experience of the construction industry. This allows our courses to remain accurate and up-to-date, covering the latest information, technological advances and industry regulations.

To find out more, please contact our National Training and Development Manager, Darren Robinson or Technical Services Department on 01440 714939.

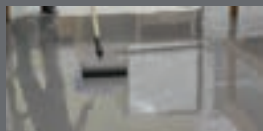
ARDEX UK SALES TEAM





## QUICK REFERENCE

### LIQUID WATERPROOFING



WATERPROOFING PLANT  
ROOMS, RAISED ACCESS  
FLOORS, WET AREAS

ARDEX WPM 200

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### REPAIR MORTARS



R2 GENERAL REPAIR

ARDEX A 46

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VOIDS, HOLES, CAVITY FILLS,  
HIGH BUILDS, LIGHTWEIGHT  
MORTAR

ARDEX A 950

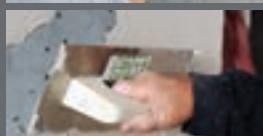
P6



FAIRING COAT,  
BLOW HOLES & MINOR  
DAMAGE

ARDEX A 125

P7



WHITE FAIRING COAT,  
BLOW HOLES & MINOR  
DAMAGE

ARDEX F 5

P8



### CONCRETE RESURFACING



RESURFACING  
DAMAGED CONCRETE  
& LEVELLING

ARDEX K 301

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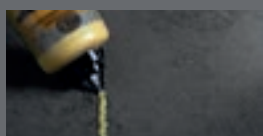
INDUSTRIAL FLOOR  
REPAIR / LEVELLING

ARDEX K 80

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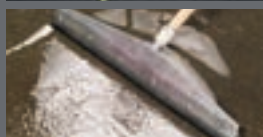
### CRACK & SCREED REPAIR



RAPID  
CRACK REPAIR

ARDEX P 10 SR

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RAPID RENOVATION  
OF SCREEDS

ARDEX PSRS

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