

#### what gets us pumped

#### **Capability Statement**



FINALIST 2020 SUPPLIER OF THE YEAR



#### **Capability Statement**

#### all about screed

#### **Contents**

Transforming the floor preparation industry
Nationwide fleet
Screed, self levelling & grout pump trucks
Tight site specialists
Technology innovators
Research and development
Tier 1 safety
Eliminating silica dust
Freeing up space on site
Quality control
Specification and technical support
Project expertise
Saving time and money
Case studies
Our core product range

- ScreedMax Commercial
- ScreedMax Pro
- ScreedMax Fibre
- Efflorescence and damp proofing
- Underfloor heated screeds and self levelling
- ScreedMax Air
- ScreedMax Level Ultra
- Grouts and speciality products
- ScreedMax Deco

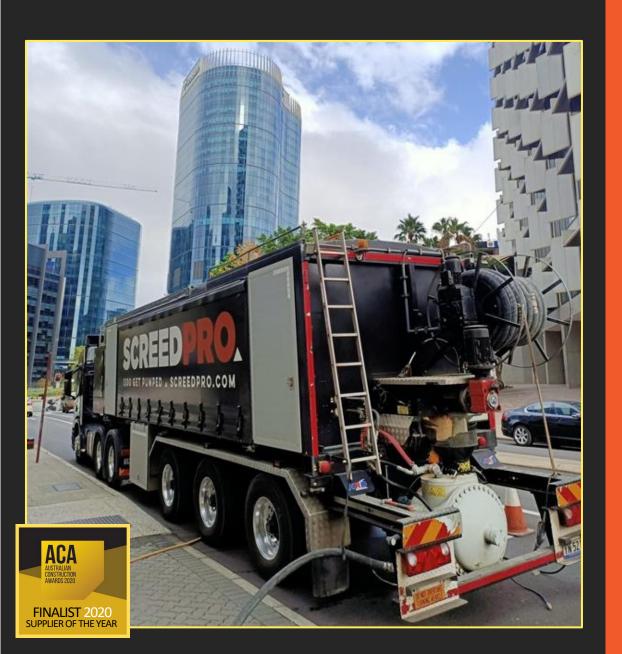
Leadership team and contacts



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#### market disrupting

Proudly transforming the floor preparation industry through high volume, high quality, high safety, low-cost bulk manufacturing and supply of screed, self-leveling and specialty products.





#### the one and only

Australia's one and only, nationwide, screed and self-levelling pump truck company supplying builders, tilers and flooring contractors with mixed to specification dry and liquid flooring products, pumped to virtually any distance and height.

Sydney • Melbourne • Perth • Brisbane • Regional





#### serious capability

#### Our nationwide fleet of 20+ units comprises:

- Screed mixing and pumping trucks
- Self-leveling and grout trucks
- Reload trucks for on-site reloading

We invest heavily in the growth of our fleet with a new pump truck being constructed every 6 weeks throughout 2023/2024.

We supply over 200 projects per annum nationwide including multiple tier 1 projects simultaneously.





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#### Our screed trucks pump:

## massive screeds

- 6 m³ per hour
- 30+ stories vertically
- 180m horizontally
- Mix designs to virtually any specification

Each truck can mix and pump in an hour what a team of labourers can achieve in a day. All without manual labour, barrows, bulk bags, cement bags, mess, dust or waste.





#### perfectly flat floors

Our self-leveling and grout trucks pump:

- 15 tonne per hour
- 30+ stories
- Mix designs to virtually any specification
- Self-Leveling, Grouts & much much more

Each truck can mix and pump the equivalent of 15 pallets of self-leveling bags per hour. The ability to mix and install large quantities in a single pour ensures a consistent finish across the entire floor.



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Designed for tight sites!

## No site too tight

- Rear steering axle system
- 360<sup>o</sup> cameras
- Same turning circle as Ford Ranger ute

We built one of the first counter-steer rear steering axle systems in Australia where the 1<sup>st</sup> and 3<sup>rd</sup> axles on the trailer counter-steer to deliver a truly unique turning circle allowing access to the tightest of CBD sites.





#### tech innovators

Technology is in our DNA and it permeates everything we do.

As a completely paperless and cloud-based enterprise, we can remotely control our entire fleet of trucks from any location worldwide. This allows us to troubleshoot issues and manage a fully mobile fleet and workforce, ensuring consistent standards, safety, and quality whether we are situated in the CBD or a remote country town.





#### product innovators

We are driven to combine our pump trucks with the absolute best products available in the marketplace.

Leveraging our deep industry and technical experience, we have multiple R&D projects underway both inhouse and in collaboration with major chemical and powder manufacturers to bring new and improved products to market.

Products resulting from these R&D projects include:

- ScreedMax Pro engineered screed
- ScreedMax Level Ultra developed in collaboration with Sika Australia
- ScreedMax Deco decorative overlay
- ScreedMax Air lightweight screed range

And there is much more to come.



## Tier 1 Safety

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#### tier 1 credentials

Our company thrives on the expertise of highly skilled individuals utilizing cutting-edge and valuable equipment on some of Australia's top-tier construction sites.

We take the safety of our people and fleet extremely seriously which is why we are welcomed day-in day-out at the sites of Australia's leading builders including:































RICHARD CROOKES
CONSTRUCTIONS











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#### ditch the dust

Silica dust exposure is a serious risk for workers who manually mix screed and levelling by hand.

We regularly supply the most dust sensitive sites to the strictest EPA and HSSE standards.

Let a pump truck do the mixing and fully eliminate the risk for your workers and those around them.



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#### space savers

Space on site is always at a premium. By using the pump truck you can eliminate:

- Storing bulk bags of sand on site and in the rooms
- Storing pallets of cement
- Loading rooms with sand and cement early in the project before the door frames go in
- Setting aside areas for safe mixing
- Hoist congestion from barrows of screed and materials
- Crane usage from lifting bulk bags of sand
- Barrows moving around with screed

The Pump Truck doesn't need any of these things. It has everything it needs onboard and can supply at any stage of the project, even if the crane and scaffold are down.





#### quality guaranteed

Do you want to know exactly what is in your screed?

Everything we do is fully computer controlled with detailed daily reporting and mix by mix tracking.

We guarantee all our products.

Quality is not an "optional extra".



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#### technical solutions

We routinely work with the engineers, architects, builders and installers to deliver specifications and solutions that work, are cost effective, fit for purpose and reliable for the long term.

We welcome the opportunity to advise on:

- Product selection
- Remedial projects
- High impact areas
- Crack prevention
- Load constraints
- Bonded vs unbonded vs floating screeds
- Schedule optimisation for screeding works

We love being involved in the planning stage so everyone can have a smooth and successful project.



Every balcony from levels 15 down to 1 in a single day.
Melbourne

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#### enviable expertise

We have a long and enviable track record of supplying every conceivable type of project including:

- Tier 1
- Hotels
- Shopping Centres
- Hospitals
- Airports
- Defence
- Train & Bus Stations
- Apartments
- Schools

- Universities
- Aged Care
- Public Works
- Stadiums
- Pools
- Community Centres
- Industrial Facilities
- Cinemas
- Housing and Residential





#### faster better & cheaper

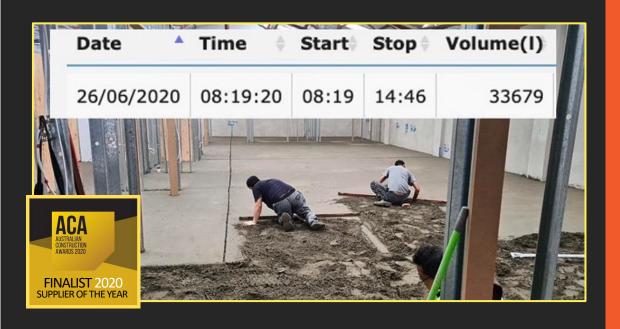
It might seem hard to believe that a service as hi-tech as ours is also cost effective, but it's true.

Our clients call us every day because we save them money and make their business more successful.

We buy and supply in bulk and pass the savings and efficiencies onto our clients.

Once a builder has used our system, it is almost unheard of that they ever go back to mixing on site by hand.

Imagine 2 tilers laying 33m<sup>3</sup> in 6 ½ hours like this project for the Aland headquarters.



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#### massive multi-res

In a race to market, Aland set the ambitious target of shaving 9 months off the project schedule for a 300 unit stage of their massive Schofields development.

In just 21 days, we pumped over 500 m<sup>3</sup> of screed in into 300 apartment and helped them fundamentally transform their project schedule.

Working alongside one of our top tiling contractors on a daily basis we pumped over 30 m<sup>3</sup> completing entire floors in a single day.

#### Products supplied:

ScreedMax Commercial





#### magnificent MLC

Throughout 2021 we supplied more than 1,000m<sup>3</sup> of screed, engineered screed, lightweight screed and self-levelling into the redevelopment of the MLC building by Probuild.

The site had extremely tight access with only a single loading dock in the centre of the Sydney CBD taking full advantage of our tight site access capabilities.

#### Products supplied:

- ScreedMax Commercial
- ScreedMax Pro
- ScreedMax Air
- ScreedMax Level Ultra



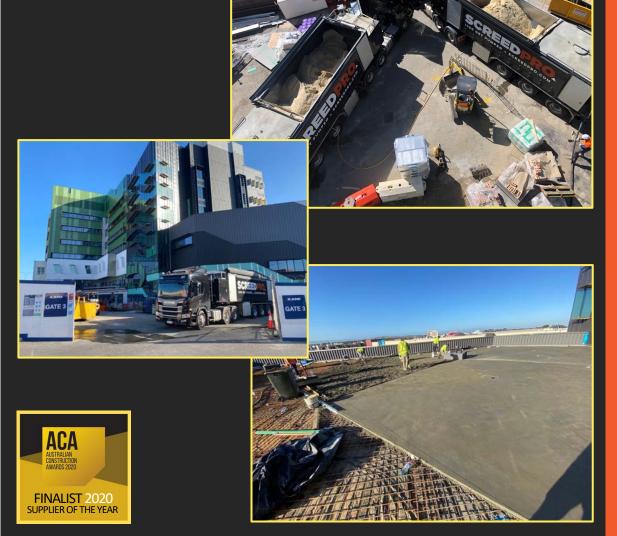
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#### epping hospital

Kane Constructions needed 80m<sup>3</sup> of rapid drying, high strength engineered screed pumped to the roof of the Epping Hospital during a 2 day weather window in August 2020. 2 trucks did the job easily.

#### Products supplied:

ScreedMax Pro



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#### central station

When Laing O'Rourke needed a huge volume of 50Mpa engineered screed for Central Station on Boxing Day 2020, they knew who to call.

It may have been December 26<sup>th</sup>, but our team was there getting the job done.

#### Products supplied:

ScreedMax Pro



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#### big balconies

With long and tight balconies to screed, ScreedMax Commercial and our pump trucks were the obvious solution for Buildcorp at their Tamarama project.

Products supplied:

ScreedMax Commercial







#### byo self-leveling

The redevelopment of this Dan Murphies outlet required 80 tonnes of self-leveling poured in 2 days with a bulk fill on day 1 and a topcoat on day 2.

Rylex knew the only way to meet this timeline was to call in the ScreedPro self-leveling trucks.

#### Products supplied:

ScreedMax Level ultra – bulk fill & topcoat



# **Traditional Scree**

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#### **ScreedMax Commercial**

Our traditional sand cement screed is our most popular commercial product.

Product Class Name ScreedMax Commercial

Strength 15 – 18 mpa

Suitable for Tile

Stone

Installation types Bonded

Unbonded

Suitable for heated floors No

Crack reduction options Fibres

Steel

Admix options Yes

Efflorescence and damp Yes

protection options





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#### ScreedMax Pro

We provide a variety of engineered screeds with different strength levels and drying times. The prevalence of engineered screeds is expected to rise, thanks to their numerous benefits and declining cost.

Product Class Name ScreedMax Pro

Strength 20 – 50 mpa

Suitable for Tile Timber

Stone Carpet
Vinyl Epoxy

Installation types Bonded Floating

Unbonded Insulated

Suitable for heated floors Yes

Crack reduction options Fibres
Steel

Admix options N/A with engineered screed

Efflorescence and damp protection options



Yes



# **Lightweight Scree**

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#### ScreedMax Air

As buildings reach greater heights, and especially in the remedial sector, the significance of lightweight screeds is growing. We have the capability to tailor our mixes to meet various specifications and collaborate closely with engineers to address intricate weight challenges in projects.

**Product Class Name** 

ScreedMax Air

Strength

5 - 25mpa

Density

 $800 \text{kg/m}^3 - 1,800 \text{kg/m}^3$ 

Suitable for

Various flooring and installation types depending

**Installation types** 

on specification

Suitable for heated floors

Not recommended

Crack reduction options

Fibres

Steel if weight permits

Admix options

Yes

Efflorescence and damp protection options

Yes





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#### **ScreedMax Level Ultra**

Our self-leveling pump trucks utilize an industryleading self-leveling compound created through a partnership with Sika Australia, incorporating their advanced Sika Level Ultra technology.

Product Class Name ScreedMax Level Ultra

Characteristics Fibre reinforced

**Excellent flow** 

Self healing

Ready for use next day

Strength 30-35 MPa compressive

6.5 MPa flexural strength

Suitable for All flooring types

Internal & external

Suitable for heated floors Yes

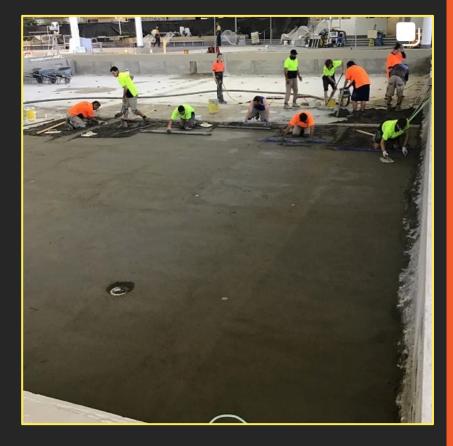


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#### beyond screed

Our fleet of screed and self-leveling pump trucks can mix and pump virtually any liquid based product including:

- Grouts for block or void fill
- Grouts for wind turbines
- High performance industrial mixes
- Cement stabilised sand
- Sand and soil pumping





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#### **ScreedMax Fibre**

**ScreedMax Fibre** is an alkali resistant glass fibre reinforcement designed for use in the manufacture of reinforced screeds.

| Scenario   | Recommended dose<br>per m <sup>3</sup> of screed |
|--|--|
| General crack reduction and reinforcement of screeds | 1.5kg  |
| Replacement of steel mesh                            | 3kg  |
| Unbonded screeds                                     | 3kg  |
| Screeds over suspended slabs                         | 3kg  |
| Screeds in excess of 100mm thick                     | 3kg  |
| Engineered screeds                                   | 3kg  |
| Screeds incorporating underfloor heating water pipes | 3kg  |





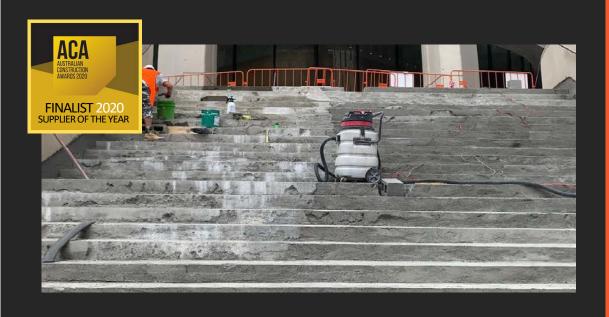
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#### ScreedMax EffBlock

ScreedMax EffBlock is a damp proofing and efflorescence blocking additive automatically dosed by ScreedPro Pump Trucks that reduces the permeability of the screed to water and the occurrence of efflorescence.

For many of our builders, EffBlock is added to every mix as a matter of course to provide the screed additional protection against the elements and efflorescence.

On the project below, where EffBlock was added to the right half but not the left half of the screed, the benefits after substantial unexpected storm damage is clearly evident.





#### winning teams

Our company is built around high-performance leaders and full-time staff (no subcontractors) who value safety, excellence, leadership, professionalism and integrity in everything they do.

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#### are you ready to get Pumped?

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<sup>\*</sup>Adelaide opening soon, special projects serviced from Perth and Melbourne.