

# what gets us pumped

FINALIST 2020 SUPPLIER OF THE YEAR

### **2021 Capability Statement**





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# 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

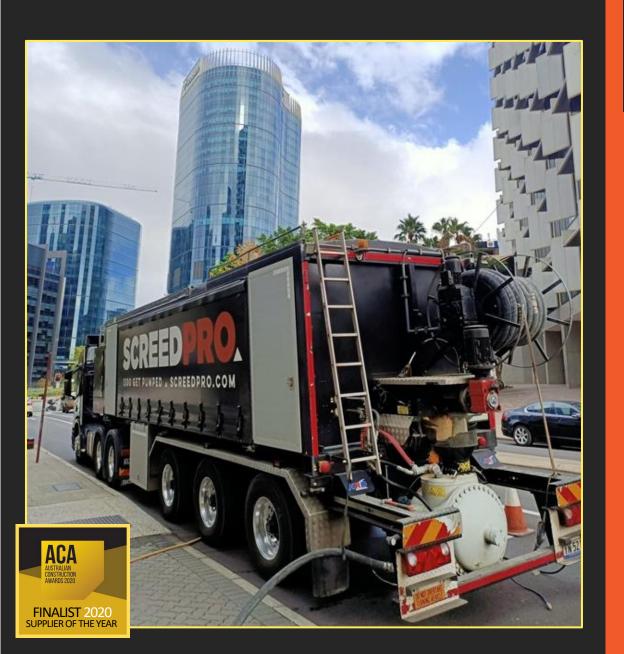
Leadership team and contacts



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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 levelling 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

Adelaide opening in 2022





# serious capability

### Our nationwide fleet of 18 units comprises:

- Screed mixing and pumping trucks
- Self levelling 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 2021/2022.

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.



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# perfectly flat floors

Our self levelling and grout trucks pump:

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

Each truck can mix and pump the equivalent of 15 pallets of self levelling bags per hour. The ability to mix and install large quantities in a single pour ensures 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.

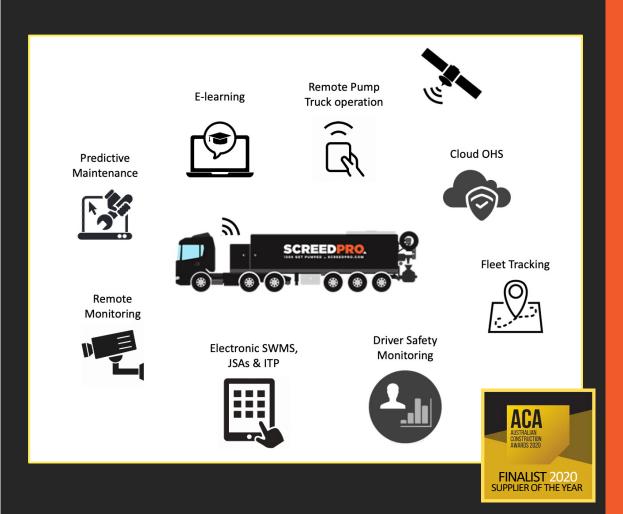




## tech innovators

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

A fully paperless, cloud-based company, we can remotely operate all of our trucks from anywhere in the world, troubleshoot issues and operate a fully mobile fleet and workforce ensuring consistent standards, safety and quality whether we are in the CBD or in a remote country town.





# product innovators

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

Led our by National Technical Director, John Jennings, 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 using the full capability of our pump truck fleet.

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.



# Safety

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### tier 1 credentials

Our business is built on highly skilled people using hitech, expensive equipment on Australia's premier 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

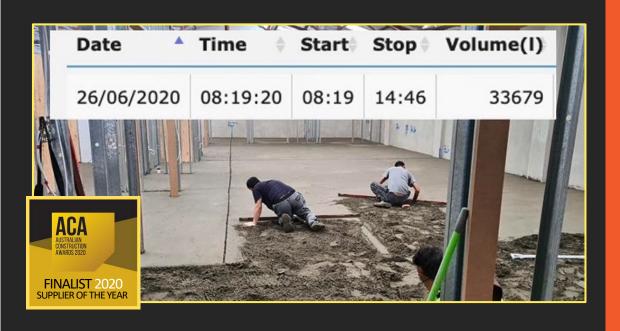
It might seem hard to believe that a service as hi-tech as ours is also cost effective, but it's true.

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 2020 and 2021 we are supplying in excess of 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 has 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:

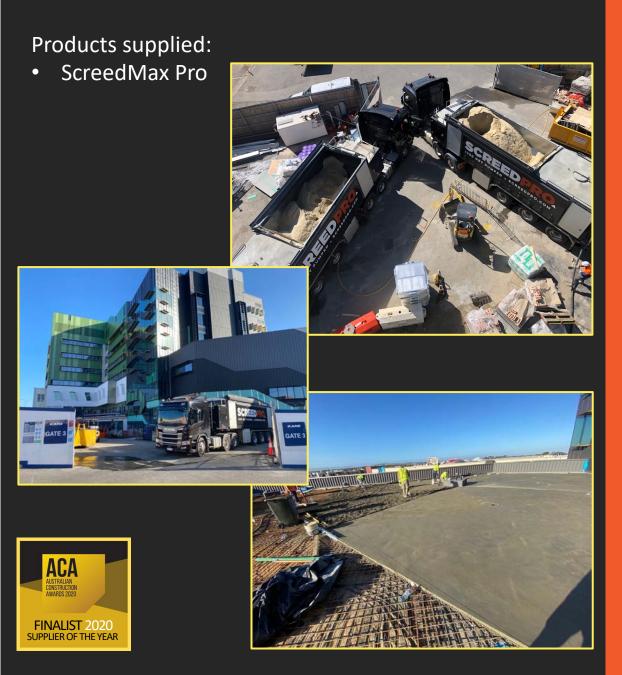
- ScreedMax Commercial
- ScreedMax Pro
- ScreedMax Air
- ScreedMax Level Ultra



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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.



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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





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# byo self levelling

The redevelopment of this Dan Murphies outlet required 80 tonnes of self levelling 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 levelling trucks.

### Products supplied:

ScreedMax Level ultra – bulk fill & topcoat



# **Traditional Scre**

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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 offer a range of engineered screeds at varying strength and drying times. In the future, all screeds will be engineered screeds due to their many advantages and increasingly lower 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 Ye

protection options







# Lightweight Scree

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### ScreedMax Air

Lightweight screeds are becoming increasingly important as buildings get higher and particularly in the remedial sector. We can mix to most specifications and work closely with the engineers to solve complex weight problems on projects.

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ScreedMax Air

### Strength

5 - 25mpa

### Density

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

Suitable for

Various flooring and

**Installation types** 

installation types depending on specification

Suitable for heated floors

Not recommended

Crack reduction options

**Fibres** 

erack reduction options

Steel if weight permits

Admix options

Yes

Efflorescence and damp protection options

Yes





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### **ScreedMax Level Ultra**

Our fleet of self levelling pump trucks mix and pump a market leading self level developed in collaboration with Sika Australia based on their top of the range Sika Level Ultra.

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

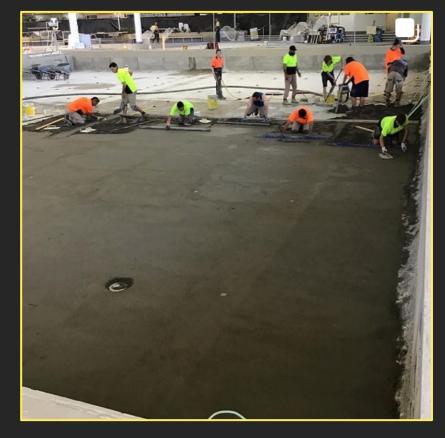




# beyond screed

Our fleet of screed and self levelling 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 Deco

Our latest innovation is our new range of decorative overlays.

**ScreedMax Deco** combines all the advantages of our self-levelling trucks and ScreedMax Level Ultra with a range of colour options, sand and stone varieties to create unique and cost effective flooring options.







# ScreedMax Fibre

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

Scenario	Recommended dose 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





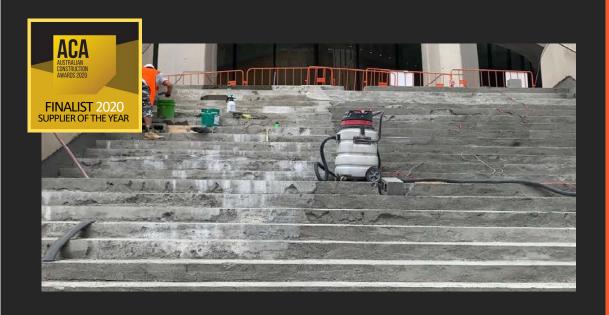
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## ScreedMax EffBlock

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 early 2022, special projects serviced from Perth and Melbourne.