

10 March 2021

## PureGRAPH® Product Line to Include Water Dispersed Additive

### HIGHLIGHTS

- **Pre-dispersed graphene additive in a water solution allows easier mixing and dispersion into water and solvent-based formulations.**
- **Available in various graphene platelet sizes and concentrations.**
- **Provides improved mechanical properties when used in cement and rubber applications.**
- **Complements range of PureGRAPH® powder additives.**

First Graphene Limited (ASX:FGR; "First Graphene" or "the Company") is pleased to announce the release of its new PureGRAPH® AQUA range of graphene additives.

The ground-breaking products are pre-dispersed in water and supplied as pastes for easy formulation into water and polar solvent based formulations. PureGRAPH® AQUA is available in lateral sizes ranging from 5 microns to 50 microns providing flexible solutions for customer formulations.

PureGRAPH® AQUA has been developed to provide customers with a "super-dispersed" graphene/water product that is easier to use and mix into water and solvent based products, including paints, latex and cement composites.

The larger platelet sizes available in the PureGRAPH® AQUA range are of particular use in the cement and rubber industries, with the larger platelet size and aspect ratio provide increased mechanical properties.

The pre-dispersed graphene also provides HS&E benefits to the cement and rubber industries.



**PureGRAPH® AQUA**

## ASX ANNOUNCEMENT



Mike Bell, CEO of First Graphene Ltd., said *"We continue to develop new applications for PureGRAPH® powder additives but after listening to our customers, it was clear that we needed to develop an additional product that was easier to use and mix into specific liquid systems". He added, "PureGRAPH® AQUA is already on trial in a number of new, exciting projects and we see this new product range opening up a number of new market applications for our high-performing graphene additives".*

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# ASX ANNOUNCEMENT



## Investors

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## About First Graphene Ltd (ASX: FGR)

*First Graphene Ltd. is the leading supplier of high-performing, graphene products. The company has a robust manufacturing platform based upon captive supply of high-purity raw materials and an established 100 tonne/year graphene production capacity. Commercial applications are now being progressed in composites, elastomers, fire retardancy, construction and energy storage.*

*First Graphene Ltd. is publicly listed in Australia (ASX:FGR) and has a primary manufacturing base in Henderson, near Perth, WA. The company is incorporated in the UK as First Graphene (UK) Ltd. and is a Tier 1 partner at the Graphene Engineering and Innovation Centre (GEIC), Manchester, UK.*

## PureGRAPH® Range of Products

*PureGRAPH® graphene powders are available in tonnage volumes with lateral platelet sizes of 20µm, 10µm and 5µm. The products are high performing additives, characterised by their high quality and ease of use.*

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## Trading Symbol

**Australia:** FGR  
FGROC

**Frankfurt:** FSE:M11

**USA OTC:** FGPHF

*With authority of the board, this announcement has been authorised for release, by Peter R. Youd Director, Chief Financial Officer and Company Secretary.*