

COARSE SAND FOR FINE CONCRETE

FNS* is qualified as 0/4 coarse sand as per the 2758.1 standard for concrete

A wide range of benefits for batching plants

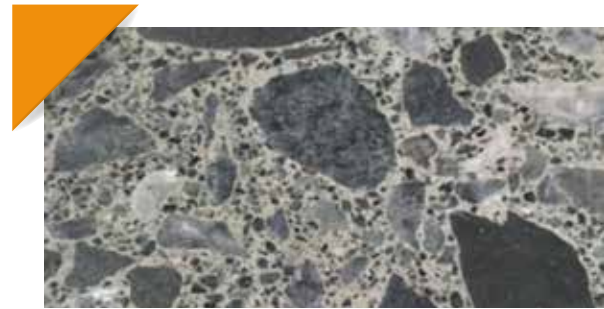
- Low water absorption ratio
- Extremely clean, no organics, no clay, no washing required
- Improved concrete durability and mitigation of early age cracking
- Recycled material, be part of the circular economy

Consistent quality yet constantly controlled

- Chemical and physical properties are consistent over time
- Commercial stockpile with quality controls performed as per AS 2758.1 standard

Extensively tested and demonstrated usage

- Used for decades as non-structural concrete in New Caledonia for footpaths, block works and breakwaters structures
- Industrial tests performed for structural concrete at SLN with excellent results
- Extensive researches carried out with Curtin University and UNSW since 2011 for proven usage in all concrete applications



* FerroNickel Slag is a by-product granulated from the Nickel smelting industry of New Caledonia

KEY DATA

Extensively available and quickly deliverable

- 1.6 million tons produced per year
- 25 million tons of historical stocks
- Can be delivered by 35,000 DWT bulk vessels to all major Australian bulk ports

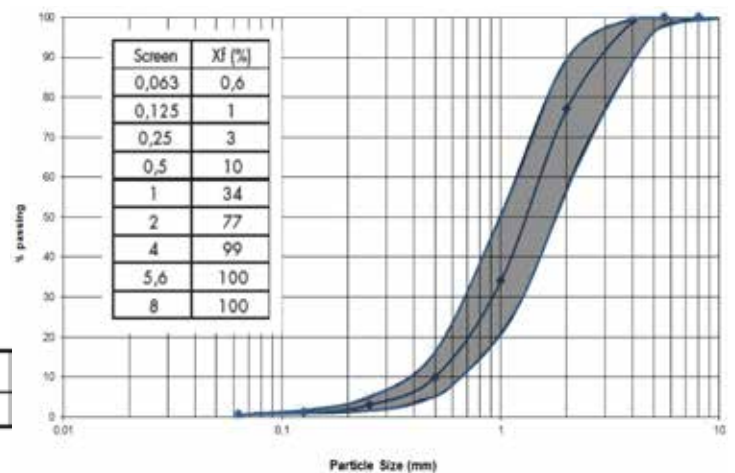


Chemical analysis

- No free-reactive magnesia-(Periclase)
- MgO in the form of forsterite and enstatite
- No crystalline silica.
- Apparent density : 2.95
- Water absorption ratio : 0.68%
- Chloride free / No-leachable material
- Sugar free / No organics / No clay

SiO ₂	MgO	Fe ₂ O ₃	Al ₂ O ₃	MnO	CaO
53%	33%	11%	2%	<1%	<1%

Grain size distribution



SLN, a world-class player in its market

- Part of the ERAMET Group, major player in Nickel, Manganese and Superalloys
- Operating since 1880
- SLN is the largest ferronickel producer in the world with 55kt Ni produced in 2016
- ISO 9001 & ISO 14 001 compliant

A Member of :

