

# FURNASS CERTIFIED PLAYGROUND SAND



## A SAFER ALTERNATIVE



**Sand** – in playgrounds years ago the good old sandpit was the main attraction for children. Nowadays with the advent of imaginative and innovative play equipment, the sandpit is not the only play item which requires sand. Sand is the ideal medium for serious and innovative fun for all. The combined particle sizes of sand allows it to “give” on impact and absorb the force of creative play. Our **FURNASS CERTIFIED PLAYGROUND SAND** is your choice for a safe and natural playground surface. All play equipment has a fall zone and our **SAND** is ideal for this purpose. Furnass **Certified** Playground Sand is fully compliant with AS/NZS 4422:1996 -*Playground Surfacing – Specification, requirements and test methods*.



Children fall in different ways, eg on their hands, head, elbows and the rebound effect from falling will depend on the surface they land on. Sand has the best absorption, meaning very little rebound hence risk of fractures and serious impact injuries are greatly reduced.

Our technicians have a strict set of guidelines, including drainage processes, layering installation and compaction to ensure our product is installed to AS/NZS 4422:1996. The play equipment will be assessed to determine the correct depth of the sand taking into account the free fall for each individual item. Once the process has been completed, the play equipment will be tagged with a depth indicator. Regular maintenance plans need to be put into place to ensure the sand is always at a particular level to maintain the compliance with AS/NZS 4422:1996.



## Sandpit Sand

Having fine particle size, **Furnass Certified Playground Sand** is soft and safe to use in Pre-Schools, Day Care Centres and Schools. We can supply and install our Certified Sand in sandpits and sand play areas. This service includes the excavation of old sand, inspection of the subsurface drainage and the supply and installation of new sand. This can be done on a six monthly basis to keep sandpits looking fresh and clean.



## Bulk Sands

Furnass can also provide both certified and non-certified sand for sporting activities including:

- Beach volleyball
- Long Jump
- Equestrian arenas
- Golf Courses

Our sands are washed and sieved to control the physical properties, particle size and shape to provide a sand that will not compact and will perform well under variable Australian weather conditions.



## Technical Specifications of Furnass Certified Playground Sand.

Grading: Sieve Size	2.36	1.180	0.600	0.425	0.300	0.150	0.075
% Passing	98	92	81	67	37	5	5

<b>Clay and fine silt:</b>	Less than 4%
<b>Moisture content:</b>	Up to 15%
<b>Critical fall height:</b>	2.0 metres
<b>Required installation depth:</b>	260mm uncompacted normal wear 310mm uncompacted heavy wear
<b>Critical fall height:</b>	3.2 metres
<b>Required installation depth:</b>	300mm uncompacted normal wear 360mm uncompacted heavy wear

## Certification Service

To achieve full certification, we provide the following service:

- Inspection of sub-surface excavation to correct depth.
- Inspection of subsurface drainage to compliance.
- Monitor sand compaction during installation.
- Monitor sand levels to correct depth markers on playground equipment to achieve compliance with specified critical fall height.
- Provide written Certificate of Compliance upon completion.



## Further Information

For more information on how to provide a safe and fun play environment, please contact our office:

Phone: (02)9653 2642

Email: [admin@furnasslandscaping.com.au](mailto:admin@furnasslandscaping.com.au)

Web: [www.furnasslandscaping.com.au](http://www.furnasslandscaping.com.au)

