

Hanson Building Sand

Technical Data Sheet



DESCRIPTION

A washed sand conforming to BS EN 13139:2013 Aggregates for mortar. The typical moisture content is 7.5%.

USES

Production of mortar, for the construction of masonry brick and block work.

SUGGESTED MIX DESIGNS

Typical mix design bricklaying mortar as follows – for more information please consult BS EN 998 'Specification for mortar for masonry' Part 2.

Mix 1 part cement to 4 parts building sand by volume. To give good cohesion and durability, a suitable chemical additive (air entrainment) or building lime should also be included.

PACK SIZE

- Maxipack
- Bulk

COVERAGE

For the above suggested mix design:

One Maxipack bag sufficient for bedding of brickwork:
1.16m² @ 13mm joint depth, or 25 standard bricks.

HEALTH AND SAFETY

- As with all naturally-occurring silica sands, small amounts of respirable silica may be present.
- If inhaled in excessive quantities over extended periods, respirable silica can constitute a long-term health hazard.
- Do not breathe dust.
- Avoid eye contact.
- In case of contact with eyes, rinse immediately with plenty of water, avoiding rubbing action. Should irritation persist, obtain medical advice.

For cementitious mixes, follow health and safety advice detailed for cement.



For further information contact:

Hanson Cement
Ketton
Stamford
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PE9 3SX

Customer Services:

Tel: 0330 123 2074
Fax: 01780 727008
Email: cement@hanson.com

Hanson Kiln Dried Sand

Technical Data Sheet



DESCRIPTION

A dry, lime-free washed silica sand, which contains approximately 95% silica. The typical grain size is $\leq 0.5\text{mm}$.

USES

Specifically produced for brushing in between the joints of block paving to prevent lateral movement of the blocks.

PACK SIZE

- Maxipack
- Bulk

COVERAGE

One Maxipack bag: approximately 3-6m² dependent on block type.

HEALTH AND SAFETY

- As with all naturally-occurring silica sands, small amounts of respirable silica may be present.
- If inhaled in excessive quantities over extended periods, respirable silica can constitute a long-term health hazard.
- Do not breathe dust.
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Hanson Plastering Sand

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DESCRIPTION

A washed sharp sand conforming to BS EN 13139:2013 Aggregates for mortar. The typical moisture content is 5%.

USES

A sharp sand used with cement and water to prepare a mortar mix specifically for internal cement plasters and external rendering. This product can also be used to produce hydraulic lime mortars.

SUGGESTED MIX DESIGNS

Plastering/render mix mortar – for more information please consult BS EN 998 'Specification for mortar masonry' Part 1 ('Rendering and plastering mortar'). Additives such as plasticiser air entrainment or building lime are generally included to aid adhesion.

Mix 1 part cement to 4.5 parts plastering sand by volume.

PACK SIZE

- Maxipack
- Bulk

COVERAGE

One Maxipack bag: 0.7m² @ a depth of 15mm.

CLEANING

Clean down tools and equipment with water prior to material setting.

HEALTH AND SAFETY

- As with all naturally-occurring silica sands, small amounts of respirable silica may be present.
- If inhaled in excessive quantities over extended periods, respirable silica can constitute a long-term health hazard.
- Do not breathe dust.
- Avoid eye contact.
- In case of contact with eyes, rinse immediately with plenty of water, avoiding rubbing action. Should irritation persist, obtain medical advice.

For cementitious mixes, follow health and safety advice detailed for cement.



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Hanson Playpit Sand

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DESCRIPTION

A specially screened and cleaned silver sand which will not stain clothing. The typical moisture content is 4%.

USES

Construction of children's play pits.

RECOMMENDATIONS

Adult supervision is advised for children under the age of 36 months old.

PACK SIZE

- Maxipack

COVERAGE

- One Maxipack bag: 0.35m² @ a depth of 50mm.

HEALTH AND SAFETY

- As with all naturally-occurring silica sands, small amounts of respirable silica may be present.
- If inhaled in excessive quantities over extended periods, respirable silica can constitute a long-term health hazard.
- Do not breathe dust.
- Avoid eye contact.
- In case of contact with eyes, rinse immediately with plenty of water, avoiding rubbing action. Should irritation persist, obtain medical advice.

For cementitious mixes, follow health and safety advice detailed for cement.



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Hanson Silver Sand

Technical Data Sheet



DESCRIPTION

A washed, lime-free nominal 1mm, light-coloured silica sand.
The typical moisture content is 4.5%.

USES

Plant bedding and other decorative applications.

PACK SIZE

- Maxipack
- Bulk

COVERAGE

One Maxipack bag: 0.3m² @ a depth of 52mm.

HEALTH AND SAFETY

- As with all naturally-occurring silica sands, small amounts of respirable silica may be present.
- If inhaled in excessive quantities over extended periods, respirable silica can constitute a long-term health hazard.
- Do not breathe dust.
- Avoid eye contact.
- In case of contact with eyes, rinse immediately with plenty of water, avoiding rubbing action. Should irritation persist, obtain medical advice.

For cementitious mixes, follow health and safety advice detailed for cement.



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