



Sandtastik® High Strength Plaster

Sandtastik® High Strength Plaster is a high purity, general purpose plaster made for a wide variety of applications. Often referred to as Plaster of Paris or soft plaster, common uses include ornamental work for creating decorative, detailed pieces and arts and crafts 2D/3D sculptures. Mixing consistency can vary from 1 part(s) plaster to 0.5 – 0.75 part(s) water.

Ratio (cups) plaster : water	1 : 0.5 – 0.75
Ratio (lb) plaster : water	1 : 0.6 – 0.85
Mix-to-Set Range (minutes)	25 - 50

MIXING INSTRUCTIONS

MIX PREPARATION

Use potable water at temperatures between 70 °F (21 °C) and 100 °F (38 °C). Slurry (*Sandtastik® High Strength Plaster* and water mixture) temperature will have variations in set time, it is recommended to keep in a stable temperature environment prior and during use.

The higher the temperature of the slurry, the shorter the set time. Also, the lower the temperature of the slurry, the longer the set time.

Weigh or measure both the *Sandtastik® High Strength Plaster* and the water prior to use for each mix. The water-to-*Sandtastik® High Strength Plaster* ratio is related to the strength and density of your final cast.

BLENDING & MIXING

Blend *Sandtastik® High Strength Plaster* into the water slowly and evenly. Do not drop large amounts directly into the water as proper blending of *Sandtastik® High Strength Plaster* may not occur.

Mixing *Sandtastik® High Strength Plaster* slurry is one of the most important steps in producing casts with maximum strength. It is recommended to mechanically mix slurry to obtain increased strength. However, hand mixing to a smooth, cream-like texture will yield similar results.

POURING

To prevent air bubbles and provide a uniform, smooth surface, careful pouring of *Sandtastik® High Strength Plaster* slurry is recommended. Agitation or vibration of the filled mold is a further step to encourage dispersion of trapped air. Whenever possible, pour slurry starting in the deepest area to achieve an even flow across the surface of your mold.



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DRYING TIME

Place fresh cast(s) in a warm, dry area and allow to set. Drying time will vary due to project thickness, room temperature, etc. Average setting range is 25 – 50 minutes. Fully cured within 12 - 24 hours.

PRODUCT INFORMATION

Visit www.sandtastik.com for the most up-to-date product information and project ideas.

CAUTION

When mixed with water, this material hardens and produces heat quickly. DO NOT attempt to make a cast enclosing any part of the body using this material. Dust from mixing may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Use only in a well-ventilated area. It is recommended to wear face and eye protection. If eye contact occurs, flush thoroughly with water for 15 minutes. If on skin: Wash with plenty of water. If swallowed and/or irritation persists, call physician.

KEEP OUT OF REACH OF CHILDREN.

SAFETY

Always follow good safety and hygiene practices during casting process.

Questions?
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Sandtastik.com

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