

GLOBAL SOLUTIONS – LOCAL SERVICE

Our most current General Sales Conditions shall apply.

Please consult the Product Data Sheet prior to any use and processing.

Actual Product Data Sheets and information about additional products please find in:
www.sikaadvancedresins.de or www.sikaadvancedresins.com



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BUILDING TRUST



Subjects to alterations in the course of technical progress and also subject to error. Issue November 2019



ROCKCAST-150 UNFILLED FASTCAST PU FOR CLIMBING HOLDS

BUILDING TRUST



UNFILLED FASTCAST PU FOR PRODUCTION OF CLIMBING HOLDS

ROCKCAST-150 IS A TWO COMPONENT

fastcast polyurethane resin for making parts and holds for climbing sports. This unfilled material is the perfect system to fulfill the requirements of the climbing hold market in terms of mechanical properties and processing as well as in competition with other materials as polyester, which is harmful for health.



PROPERTIES

- Potlife: 2,5 minutes
- Unfilled fastcast polyurethane resin
- Flexural E-Modulus of 1.700 MPa
- High abrasion resistance and impact resistance
- Easy processing - Can be casted by hand or with a machine
- Fast curing
- Production of small and medium climbing holds < 5 kg
- PAK test approved: no outgassing of polycyclic aromatic hydrocarbons

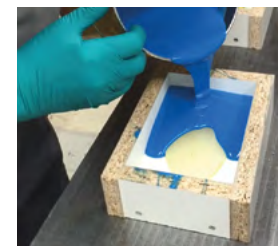
PRODUCT BENEFITS AND ADVANTAGES

- Allows almost any shape or detail of the hold - freedom in design - because of less brittleness
- UV stable material and colours for outdoor application
- Longer life time for the holds because of reduced chipping
- Breakages through use are virtually impossible
- Easy to clean as PU is non-absorbent
- Lightweight for easy carrying and easy route changing
- Colours have a nice appearance and give more freedom in creativity

COMPLEMENTARY PRODUCT PACKAGE

RockCast is the product family for all products of Sika Advanced Resins dedicated for the production of climbing holds.

This range offers beside the resin itself a full package from mould making silicones to colour pigment.



SikaBiresin® Colour Paste
for good UV stable pigmentation

Essil 222
silicone for flexible climbing grip moulds

Sika® Liquid Spray-872
for releasing and higher output of the mould

MECHANICAL DATA ROCKCAST-150

Mixed density	g/cm³	1,18
Shore hardness		D80
Flexural strength	MPa	65
Elongation at break		50 %
E-Modulus	MPa	1700