

# SCHÖNOX HS STURDY REPAIR, PATCH AND SMOOTH. ALL AT THE SAME TIME. WE'RE ÖN IT.



## HYBRID ACTIVE-DRY TECHNOLOGY IN A REPAIR AND SMOOTHING COMPOUND

Schönox HS Sturdy, rapid-drying, repair and smoothing compound, incorporates hybrid active-dry technology creating a powerful solution with versatility and strengths previously unseen in flooring. From featheredge to 2" depths, HS Sturdy repairs, patches, and smooths, combining tasks for use on a wide variety of substrates including concrete and gypsum as well as diverse ones such as wood, vinyl, and ceramic.

©2024\_SELL\_SHEET\_HS\_STURDY\_HPS-2428



# SCHÖNOX HS STURDY

## DOESN'T SHRINK FROM ANY REPAIR AND SMOOTHING TASK

Patented Hybrid Active-Dry Technology allows HS Sturdy to dry independently of the job site's environmental conditions with minimal shrinkage. HS Sturdy delivers on safety as well as performance with its low pH, very low emissions, and special dust-reduced properties.



### PRODUCT CHARACTERISTICS

- For interior use only
- Based on Hybrid Active-Dry Technology
- EMICODE EC 1: very low emission
- Does not support mold growth
- Heavy duty
- Featheredge achievable
- Exceptional hardness and strength
- Fast drying
- Dust-reduced properties
- Suitable for underfloor heating systems
- Layer thickness above featheredge up to 2" (in small, well defined areas without limitation)
- Suitable for castor wheel loadings
- Very smooth surface

### RECOMMENDED APPLICATION DETAILS

Schönox HS Sturdy is suitable for smoothing and leveling of:

- Concrete, cement substrates
- Floor leveling compounds
- Gypsum substrates
- Old substrates such as ceramic tiles
- Old, water-resistant adhesive residues
- Wooden substrates
- Stair steps and wall breakouts

### PRIMING

- Gypsum substrates (sanded and vacuumed):
- no priming required when used as a true featheredge up to 1/4"
- prime with Schönox KH Fix when used as a repair mortar above 1/4"

- Cement substrates such as concrete, prime with Schönox VD (1:3) or KH Fix
- Non-porous substrates such as ceramic tiles (thoroughly cleaned and abraded), terrazzo, and water-resistant adhesive residues (removed as far as possible), prime with Schönox SHP
- Wooden substrates such as OSB board and plywood (well screwed and/or bonded), prime with Schönox SHP

### MIXING RATIO

- Mix each 10lb. bag with 1.2 - 1.4 liters / 1.2 - 1.5 quarts of water
- Mix each 33lb. bag with 3.8 - 4.6 liters / 4 - 5 quarts of water
- We recommend to extend Schönox HS Sturdy with dry, clean aggregate (aggregate is added last) at a layer thickness above 1/2". Type and amount of aggregate used will affect product performance. As qualities of locally available aggregates vary, we recommend performing tests prior to use on a larger scale.
- Do not overwater!

### TECHNICAL DATA

- Pot life: approx. 15 minutes
- Ready for foot traffic: after approx. 30 minutes
- Ready for covering:
- after approx. 30 minutes when applied as a true featheredge
- after approx. 4 hours at 2"
- Working temperature: 41°F - 90°F
- Coverage per unit of 4.5kg / 10lb.:
- approx. 180 sq.ft. when applied as a true featheredge

- approx. 12 sq.ft. at 1/8" (depending on substrate conditions)
- Coverage per unit of 15kg / 33lb.:
- approx. 600 sq.ft. when applied as a true featheredge
- approx. 40 sq.ft. at 1/8" (depending on substrate conditions)
- Compressive strength (ASTM C109): 4400 psi after 28 days
- Flexural strength (ASTM C348): approx. 1300 psi after 28 days
- Initial Set (ASTM C191): approx. 20 minutes
- Final Set (ASTM C191): approx. 30 minutes
- Flammability (ASTM E84): Flame Spread 0; Smoke Development 0



### LEED V4.1 ID+C, BD+C

Contributes to LEED v4.1 certification of projects in these categories:

- EQc2 - 3 points  
Low-Emitting Materials
- MRc1 - up to 2 points  
Life-Cycle Impact Reduction
- MRc2 - 1 point  
Environmental Product Declaration
- MRc3 - 1 point  
Sourcing of Raw Materials
- MRc4 - 1 point  
Material Ingredients

\*Always refer to Technical Data Sheets for additional, current information. Available on the Schönox App and hpsubfloors.com.