

ACOUSTIKA

SOUND ABSORBING PAINT



DESCRIPTION

Acoustika is a heavy bodied, water based flat latex paint formulated with hollow ceramic microspheres, sound absorbing fillers and resins.

The combination of a high loading of the ceramic microspheres with their vacuum centers and the absorbent pigment fillers reduces sound transmission and reflection.

Acoustika is the ideal paint for interior ceilings, the very high concentration of insulating ceramics and other pigments adds a high heat-reflective barrier to the painted surface. The small texture also helps in hiding surface defects such as drywall joints, dings and dents.

RECOMMENDED FOR

Use on interior surfaces including ceilings and walls, plaster, primed metal and wood.

KEY FEATURES

- Excellent insulating and sound dampening characteristics.
- Reduces sound transfer
- Fast drying
- Dampens ringing and tinning noise in metal structures
- Contains > 85% natural minerals
- Soap and Water Cleanup
- Maximum of 6mm thickness
- Able to be painted over
- Non-toxic
- Excellent fire rating

PHYSICAL PROPERTIES

Solvent Type	Waterborne	
Acoustic performance	NRC = 0.55, class D, at 4 mm thickness	ASTM C423-17
Fire rating	A2 _{fl} -s1 for very limited contribution to fire	UNE-EN ISO 1716:2011 UNE-EN ISO 9239-1:2011
Thermal Conductivity Coefficient	$\lambda_d = 0,038 \text{ W}/(\text{mK})$	
Spreading Rate	approximately 1m ² /kg/coat – 2 coats required.	
Average Dry Time	Touch-dry 5 hours	based on ASTM D 1640
Recoat	Full cure 48 hours	
Flash Point	Not Applicable	
Dry Film Thickness per coat	1-2 mm	
Thinner	None required	
Density	1.80 g/cm ³	
Solids	78 %	
Viscosity	140 000 – 180 000 cP	(Spindle 7/Speed 10) based on ASTM D2196
VOC	< 1g/L, very low VOC content - Compliant with EU 2010 regulations maximum of 30 g/L.	
Bases	White	

SURFACE PREPARATION

All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or any other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean and primed with a suitable Colortek primer.

New plaster or masonry surfaces must be allowed to cure (28 days) before applying base coat. Cured plaster should be hard, have a slight sheen and a maximum pH of 10. A soft, porous or powdery plaster indicates improper cure. Knife off any protrusions and prime the plaster before and after applying patching compound. Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds. Remove any powder or loose particles.

CAUTION: Scraping or sanding surfaces of older buildings may release dust containing lead or asbestos. EXPOSURE TO LEAD OR

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ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH. Always wear appropriate personal protective equipment during surface preparation and finish cleanup of any residues by water-washing all surfaces.

PRIMER SYSTEMS

SURFACE	RECOMMENDED COLORTEK PRIMER
Drywall	Colortek Primer
Porous masonry	Colortek Sealer, Colortek Primer
Non-porous masonry	Colortek Primer, Colortek Undercoat
Wood	Colortek Undercoat
Ferrous metal	Colortek Adhero, Colortek SX47 StopRust
Non-ferrous metal	Colortek Adhero, Colortek SX47 StopRust

APPLICATION CONDITIONS

Do not apply at temperatures below 5 °C or when rain is expected.

APPLICATION METHOD

Stir well. Apply 2 coats: first one by using texture roller and the second one spray by using hopper gun.

PACK SIZE

- 1 US Drum – 25 kg

SHELF LIFE

24 months from the date of production.

STORAGE AND HANDLING

Care should be taken to avoid spillage. Store in a dry area. Protect from freezing. Extreme temperatures may cause paint to become unusable. For example: freezing and thawing may cause paint to gel, and high heat may cause solid skin to form.

SAFETY

Use under well ventilated conditions. Do not breathe or inhale spray mist or sanding dust. Avoid skin contact; spillage on the skin should immediately be removed with suitable cleanser, soap and water. In case of eye contact, flush immediately with water for at least 15 minutes and seek medical attention immediately. If you have trouble breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

CLEANING

Remove as much leftover product as possible from the application equipment before cleaning. Clean equipment immediately after use with warm soapy water and rinse thoroughly. Do not empty product into drains or watercourses.

TECHNICAL ASSISTANCE

Available through your local COLORTEK® Design Center or through your COLORTEK PAINTS® authorized distributor. For the location of the retailer nearest you, email us at info@colortek.eu or check our website www.colortek.eu.

DISCLAIMER

Product batches are subject to stringent quality control checks in conformity with ISO 9001:2008, Certificate CH12/1128. The information submitted in this manual is correct to the best of our knowledge & experience. No liability whatsoever can be accepted based on the information supplied herein.