

SEMPATECH®

Sound Control System Guide Specification

1. **Product Name**
Sempatech®
2. **Sempatech** is distributed in North America by:
Roos International, Ltd. Inc.
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Deerfield Beach, Florida 33442
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3. Product Description

BASIC USE

Sempatech is a thin-wall, sound absorbing, decorative covering for walls and ceilings for renovation or new construction. It provides an acoustical design solution for noisy environments, and its foam backing acts as a membrane resonator.

APPLICATION:

Sempatech may be used in school classrooms to meet new ADA requirements, and also conference and meeting rooms, concert halls, hotels, restaurants, hospitals, churches, theaters, homes and a variety of commercial and institutional applications where a decorative acoustical treatment is required. It is particularly beneficial in rooms that are composed of hard surfaces such as tile or hardwood floors with gypsum or plaster walls and ceilings. It is not recommended as a wainscot.

COMPOSITION & MATERIALS

Sempatech is composed of pre-colored white glass textile wallcovering laminated to a SBR foam backing that is applied to the wall with wallcovering adhesive. The glass textile can be painted after installation.

PATTERNS

Sempatech Pattern Nos. A 100, A 200, A 300 are white and ready for use (pre-colored), or can be painted.

SIZES

Sempatech is available in bolts 39.4" wide, x 13.67yds long (1m x 12.5m) = 134.5 sq.ft.

FINISHES

The type of paint coating from latex to 2-part epoxy determines additional system performance. Faux finishes glazes and metallics can also be used for more decorative finishes. Flat latex paint is not recommended for commercial application.

COLORS

Sempatech can be painted after installation. Final appearance and color selection is limited only by the number of paint colors and finishes.

4. Technical Data

NCR Rating: 0.20

Fire Classification: A; ASTM E84

Flame spread index 15, Smoke index 10

ENVIRONMENTAL CONSIDERATIONS

Glass textile wallcovering is made from all natural, non-toxic materials. Sempatech does not require replacement for redecoration and can be renewed with a paint finish. When painted with porous latex coatings, the material breathes to reduce the risk for mold and mildew.

5. Installation

PREPARATORY WORK

Handle and store product according to manufacturer's recommendations. Use experienced painting and wallcovering professionals to install and paint the material. Standard tools and minimal surface preparation may be required. Use a compatible substrate primer/sealer with the adhesive when preparing the surface.

METHODS

Dry hang/paste the wall method. Adhesive; Heavy duty clear for strippable, or VOV for non-strippable application. Butt join seams, no double cutting necessary. Complete installation recommendations are available from the distributor.

6. Availability and Cost

AVAILABILITY

Sempatech is available from Roos International, Ltd. through your local distributor.

COST

Material cost information may be obtained from your local representative.

7. Warranty

ROOS INTERNATIONAL DISCLAIMS ALL REPRESENTATIONS AND WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. In no event shall Roos International, Ltd. or manufacturer be liable for incidental or consequential damages.

8. Maintenance

Because Sempatech can be painted after installation, it is washable according to paint manufacturer's recommendations. If damaged, it can be touched up with paint or repaired with a double cut patch and repair method. It can be repainted up to 8 times.

9. Technical Services

For technical assistance, contact your local distributor or Roos International, Ltd.