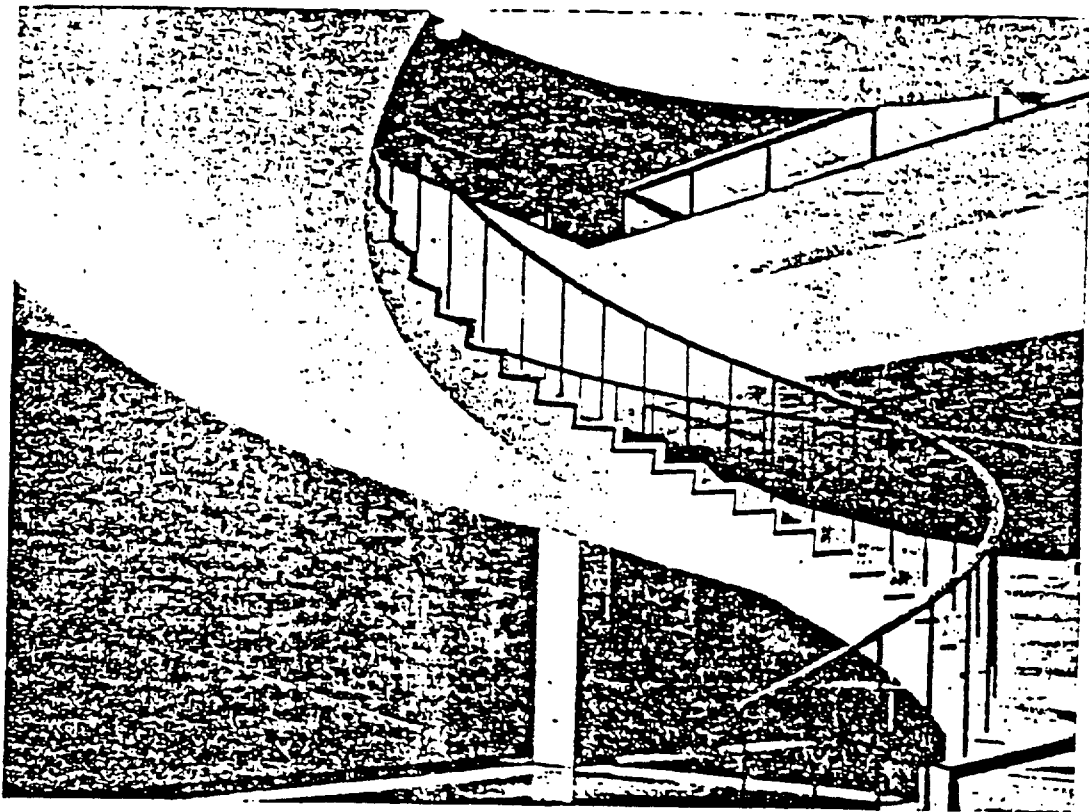


A.I.A. File 21-A

TECHNICAL INFORMATION

USG® GYPSUM PLASTERS

AND FINISHING LIMES



UNITED STATES GYPSUM

1961



GP003 18E1

A.I.A. File 21-A
BB007 0141

USG GYPSUM PLASTERS

ACOUSTICAL FINISHES

Acoustical finishes, either hand or machine applied, provide a choice of pleasing surface appearances in addition to sound absorptive properties. However, they do not have the characteristics of other finishes with respect to hardness, impact and abrasion resistance, or ease of maintenance. (For further details, see AIA File 39-B).

HI-LITE Acoustical Plaster

HI-LITE Acoustical Plaster provides high light reflection, relatively high moisture resistance and a harder finished surface than most other acoustical plasters.

AUDICOTE Acoustical Plaster

AUDICOTE Acoustical Plaster provides a low cost acoustical treatment which can be machine or hand applied, over a variety of surfaces.

Limitations of Use (Acoustical Finishes)

1. Acoustical plasters are not recommended over radiant heating installations.
2. Acoustical plasters are not designed for use on areas subject to impact or abrasion.

ACOUSTICAL PLASTERS (See AIA File 39-B)

HI-LITE Acoustical Plaster—for an acoustical finish where high light reflection, hardness, or resistance to dampness are required. It may be hand applied over properly prepared Portland cement, lime or gypsum basecoats. Finish is either stippled or stipple-perforated. Light reflectance is 80% when stippled.

AUDICOTE Acoustical Plasters—for an economical acoustical finish. May be applied by machine or by hand over properly prepared gypsum or Portland cement lime basecoats, or over monolithic concrete. Finish is normally a machine texture, but many other finishes are possible. It is available in either Satin White or Special White.

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- c. Where RED TOP AUDICOTE Acoustical Plaster is indicated for application direct to smooth monolithic concrete, reinforcing bar chair legs shall be either galvanized or coated with rust inhibitive paint and use of nails or other raw steel against forms or surface of concrete held to a minimum. Where metal is exposed in spite of these precautions, and where AUDICOTE is to be applied directly against corner beads or other metal accessories, the metal should be treated with one coat of aluminum paint.
- d. (Optional Inclusion) See AIA File 39-B, page 4, for optional inclusions where AUDICOTE is to be applied over poured monolithic concrete or over pre-cast structural concrete units.

g. (HI-LITE) (AUDICOTE) Acoustical Plaster, as manufactured by the United States Gypsum Company.

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XIII. APPLICATION OF FINISH COATS. (This section does not apply to Acoustical Plasters. See AIA File 39-B). The finish coat shall be applied over a partially dry, level and cross-ruled gypsum basecoat.

The finish coat shall be scratched in thoroughly and immediately doubled back to fill out to a true, even surface. Thickness shall be no more than $\frac{1}{8}$ ".

- a. Trowel finishes shall be water trowelled during and after set to provide a smooth, dense surface for decoration, free of irregularities and blemishes.
- b. Float finishes shall be floated with shingle, wood, carpet or rubber float to bring aggregate to the surface and produce a finish free of slick spots, cat faces, and other blemishes. In natural color finishes, water shall be used sparingly while floating. Water shall not be used while floating colored finishes.
- c. Textures shall be applied in such a manner that they will match the sample approved by the architect.
- d. Machine applied spray finishes shall be applied over a smoothly trowelled level surface, in such a manner that they will match the sample approved by the architect.

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