



Technical

Specifications

United States Gypsum Company
Specialty Products Division
550 W. Adams
Chicago IL, 60661-3676

USG® CASTING PLASTER 30 Minute (Southard, OK/Empire, NV)

Manufacturing Specifications:

Test Consistency:	59-64cc
Vicat Set at Normal Consistency:	
Target:	25-35 min
Range:	25-50 min

Typical Physical Properties:

Normal Consistency	59-64cc
Patty Size	3 3/4"
Expansion at NC	0.200
Fineness:	
-100 mesh	98.5%-100% Southard
-100 mesh	97%-100% Empire

Note: Moulding plaster may be referred to as Casting plaster depending on the location where it is produced. Typically in West Coast markets it is referred to as "CASTING" while in the Midwest and East it is referred as Moulding.

Moulding/Casting is a general purpose material that is used in a wide variety of markets for many uses. The physical properties vary depending on the end use. The use consistency can vary from a practical range of 45cc of water per 100 parts of plaster to as high as 100 or 150cc per 100 parts of plaster. If information for a specific use is needed, please contact your local U.S. Gypsum Company sales representative for further assistance.

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