



Epoxy.com Product #81

Epoxy Gel Extender

DESCRIPTION:

Epoxy.com Product #81 Epoxy Extender is a specially formulated blend of fine granules and plasticizers for use with trowelable (thixotropic) epoxy materials.

ADVANTAGES:

Epoxy.com Product #81 Epoxy Extender can reduce the cost of an epoxy (trowel grade) material by 50% or more, depending upon the amount added. When properly mixed with epoxy, it will prevent sag due to exotherm developed by an epoxy polymer. When added at a rate of 1/2, 3/4, or 1 part by volume to a trowel grade epoxy, **Epoxy.com Product #81** will increase ultimate compressive strength by 40% to 50%. Initial strength development (8 to 24 hours) will be slower when **Epoxy.com Product #81** is added. If high-early strength is required to prevent washing away by liquids or in tile setting, use **Epoxy.com Product #5**, **Product #6** or **Product #6SC Trowel Grade Epoxy** neat without extender.

PROPERTIES:

Hardness MOH Scale	7 Minimum
Specific Gravity	2.60 ± .02
Moisture Content	0.1%
Typical Average Fineness	89.78

SIEVE ANALYSIS - Epoxy.com Product #81 EPOXY EXTENDER

U.S. Standard Sieve

	CUM %	% RET	% PASS
# 30	0.0	0.0	100.0
# 40	1.1	1.1	98.9
# 50	6.4	5.3	93.6
# 70	21.6	15.2	78.4
#100	50.4	28.8	49.6
#140	85.0	34.6	15.0
#200	98.6	13.6	1.4
#270	99.6	1.0	0.4
PAN	100.0	0.4	0.0

LIMITATIONS:

Store in dry area. Partially used bags should be sealed tight to prevent moisture contamination. Discard if moisture gets to material. Shelf life is one year when kept in dry storage area. For best performance, use only with Epoxy.com Product #5, Product#6, Product #6SC

CAUTION:

WARNING! CONTAINS FREE SILICA. DO NOT BREATHE DUST. May cause delayed lung injury (silicosis). Follow O.S.H.A. safety and health standards for crystalline silica (quartz).

FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN

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