

Dependable Multi-Family Underlayment



Flooring Experts since 1951










GSL® Products from Dependable, LLC

Dependable's multi-family line provides a one source system for sound control & gypsum underlayment.

Dependable's variety of gypsum self-levelers (GSL) & Keene Building Product's QUIET QURL® come together providing a floor ready for covering, while meeting & exceeding floor & sound codes.

GSL® Products:

-  GSL® K2.6
-  GSL® M3.4
-  GSL® ALL PURPOSE SEALER
-  GSL® PRIMER
-  GSL® CSD
-  GSL® RH
-  Quiet Qurl®



floorprep.com

Gypsum in Multi-Family Construction

Multi-family housing requires specific characteristics in order to provide a healthy environment for its tenants. Issues that can be resolved amicably in a single-family home can become litigated issues in an apartment building. Noise, in particular, becomes a contentious issue in multi-family housing.

GSL® gypsum underlayments provide a variety of advantages. In addition to speed, GSL® gypsum underlayments also provide fire protection; gypsum does not burn. GSL® gypsum underlayment also offers numerous acoustical advantages.

GSL® also works well as a topping slab. It's common for concrete slabs to get beat up and become damaged or uneven; gypsum slabs offer a fast economical solution to leveling.







GSL® K2.6

Dependable's standard gypsum self-leveling underlayment provides contractors with an economical solution to meeting UL and noise ratings.

Pumpable, GSL® K2.6 delivers high strength, good water resistance and outstanding performance when placed after drywall in typical multi-family projects. GSL® K2.6 can be poured anywhere from 0.375" to 3" thick.

APPLICATIONS

Multi-family, light commercial, commercial/retail/office, hotel/motel, assisted living/senior care and for sound and fire control applications.





UL LISTINGS

L501, L502, L503, L504, L505, L506,
L507, L508, L509, L510, L511, L512,
L513, L514, L515, L516, L517, L518,
L519, L520, L522, L523, L524, L525,
L526, L527, L528, L529, L530, L534,
L535, L536, L537, L538, L539, L540,
L541, L542, L543, L546, L547, L549,
L550, L551, L552, L556, L558, L560,
L563, L570, L574, L576, L577, L581,
L583, L585, L587, L588, L590, L592,
M500, M503, M504, M508, M511,
M512, M517, M530, M535, G577,
G578, G579, G580, G581, G582

If your listing is not shown
here, please contact
Dependable, LLC.



FEATURES AND BENEFITS

- Provides additional protection for fire resistance as shown in UL approved assemblies
- Provides additional sound control enhancements as tested under ASTM E90, Airborne Noise or STC and ASTC
- Covers virtually any surface (especially plywood and OSB subfloors)
- Durable High Strength Gypsum
- Open time up to 60 minutes

PACKAGING

- 80 lb. Bag



GSL® M3.4

When higher compressive strengths are required, Dependable offers a high strength underlayment for renovations and high traffic projects.

GSL® M3.4 sets within 90-minutes and can handle foot traffic in two hours, making construction quick and easy. Near featheredge pours can be achieved, along with 3" thick applications as well. This product offers high density, yet less finished weight and more flexibility than Portland cement self-levelers.

APPLICATIONS

Multi-family, renovations, floor leveling, light commercial, commercial/retail/office, hotel/motel, assisted living/senior care and for sound and fire control applications.





UL LISTINGS

L501, L502, L503, L504, L505, L506, L507, L508, L509, L510, L511, L512, L513, L514, L515, L516, L517, L518, L519, L520, L522, L523, L524, L525, L526, L527, L528, L529, L530, L534, L535, L536, L537, L538, L539, L540, L541, L542, L543, L546, L547, L549, L550, L551, L552, L556, L558, L560, L563, L570, L574, L576, L577, L581, L583, L585, L587, L588, L590, L592, M500, M503, M504, M508, M511, M512, M517, M530, M535, G577, G578, G579, G580, G581, G582

If your listing is not shown here, please contact Dependable, LLC.



FEATURES AND BENEFITS

- A premium, higher strength gypsum
- Provides additional protection for fire resistance as shown in UL approved assemblies
- Excellent for floor leveling in deep fill applications
- Provides additional sound control enhancements
- Covers virtually any surface (especially plywood and OSB subfloors)
- Open time up to 60 minutes

PACKAGING

- 80 lb. Bag



GSL® ALL PURPOSE SEALER

GSL® ALL PURPOSE SEALER (APS) is recommended for use on all the GSL® (family of products) installed systems to enhance the bond between the underlayment and finished floor covering.

GSL® ALL PURPOSE SEALER applied to surface of gypsum underlayment will eliminate any dusting creating a durable surface resistant to incidental moisture, resulting in an ideal surface for most floor coverings. One coat is all that is required, just mix at a 1 to 3 ratio with water and apply using approved methods.

APPROVED SUBSTRATES

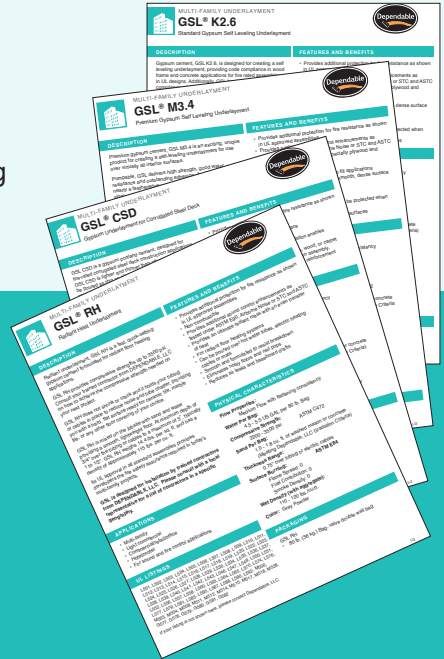
- GSL® K2.6
- GSL® M3.4
- GSL® CSD
- GSL® RH
- Most gypsum based self-leveling underlayments (Consult Dependable LLC Technical

FEATURES AND BENEFITS

- Meets ASTM F2419
- Zero VOC
- Resists water & bleed through
- Mildewcide protection
- Simple 1 to 3 mix ratio
- Outstanding flexural strength

PACKAGING

- 5 gallon bucket
- 55 gallon drum





GSL® PRIMER

This easy to install solvent-free stabilized vinyl acetate-ethylene based primer is designed to enhance the bond between the GSL® family of products and various substrates.

GSL® primed substrates enable maximum bond strength for self-leveling applications.

It is re-emulsifiable and easy to install, using a roller, soft bristle broom, brush or spray.

APPROVED SUBSTRATES are the same as GSL® ALL PURPOSE SEALER (APS).



FEATURES AND BENEFITS

- ZERO VOC
- Enhances bond to substrate
- Re-emulsifiable
- Simple Application
- For higher yield, dilute with water (substrate dependent)

PACKAGING

- 5 gallon bucket
- 55 gallon drum



GSL® CSD

GSL® CSD is a gypsum portland cement, designed for fire-rated corrugated steel deck construction applications.

This product is lighter and thinner than other concretes. It can be poured as thin as 1" over the top of the fluting in the corrugated deck.

GSL® CSD's formula increases performance delivering you with a smoother, high compressive strength substrate suitable for a variety of floor coverings. GSL® CSD is mixed on job site with approved sands providing compressive strengths from 3000-4500 psi.

APPLICATIONS

Multi-family, light commercial, commercial/retail/office, hotel/motel, assisted living/senior care and for sound and fire control applications.

UL LISTINGS

L501, L502, L503, L504, L505,
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L522, L523, L524, L525, L526,
L527, L528, L529, L530, L534,
L535, L536, L537, L538, L539,
L540, L541, L542, L543, L546,
L547, L549, L550, L551, L552,
L556, L558, L560, L563, L570,
L574, L576, L577, L581, L583,
L585, L587, L588, L590, L592,
M500, M503, M504, M508, M511,
M512, M517, M530, M535, G577,
G578, G579, G580,
G581, G582

If your listing is not shown here, please contact Dependable, LLC.



FEATURES AND BENEFITS

- Provides additional protection for fire resistance as shown in UL approved assemblies
- Lighter and thinner
- Provides smooth hard durable surface
- High compressive strength

PACKAGING

- 80 lb. Bag



GSL® RH

GSL® RH, radiant heat underlayment is a fast, quick-setting gypsum cement formulated for radiant floor heating applications.

Provides compressive strengths up to 3500 psi.

GSL® RH does not shrink or crack and it holds your tubing or cables in place to reduce noise and tube chatter, providing you with a hard, flat surface ready for ceramic tile, marble tile, or any other floor covering of your choice.

APPLICATIONS

Multi-family, light commercial, commercial/retail/office, hotel/motel, and for sound and fire control applications.

UL LISTINGS

L501, L502, L503, L504, L505,
L506, L507, L508, L509, L510,
L511, L512, L513, L514, L515,
L516, L517, L518, L519, L520,
L522, L523, L524, L525, L526,
L527, L528, L529, L530, L534,
L535, L536, L537, L538, L539,
L540, L541, L542, L543, L546,
L547, L549, L550, L551, L552,
L556, L558, L560, L563, L570,
L574, L576, L577, L581, L583,
L585, L587, L588, L590, L592,
M500, M503, M504, M508, M511,
M512, M517, M530, M535, G577,
G578, G579, G580,
G581, G582

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Dependable, LLC.



FEATURES AND BENEFITS

- Provides additional protection for fire resistance as shown in UL approved assemblies
- Non-combustible
- Provides additional sound control enhancements as tested under ASTM E90, Airborne Noise or STC & ASTC
- Can be poured over hot water tubes, electric heating cables or mats

PACKAGING

- 80 lb. Bag



Quiet Qurl®

Vibrations travel through connections. By limiting direct connections (such as between the finished floor and the joist assembly) we can effectively disrupt the path for noise to pass through our floors and walls.

Keene Building Product's Quiet Qurl® product line of sound control mats offers the solution. All products are designed for use with GSL® or lightweight concrete.

APPLICATIONS

Multi-family construction: apartments and condominiums,
Commercial construction: hotel/motel, mixed use, assisted living/senior care.











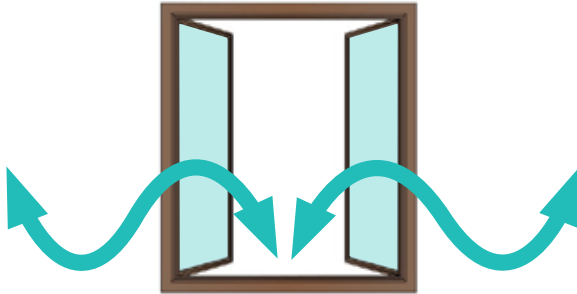
Keene Building Products Noise Control Products

Product Name	Minimum GSL® Thickness	Roll Length	Area
☞ Mat Thickness 0.125 Inches / 3.0 mm			
Quiet Qurl 52/013 MC	0.75 inch	100 ft.	400 sq. ft.
Quiet Qurl 52/013 MC MT	0.875 inch	100 ft.	400 sq. ft.
Quiet Qurl 52/013 RF	0.75 inch	100 ft.	400 sq. ft.
Quiet Qurl 52/013 RF MT	0.75 inch	100 ft.	400 sq. ft.
☞ Mat Thickness 0.25 Inches / 6.0 mm			
Quiet Qurl 55/025 FT	1.0 inch	100 ft.	400 sq. ft.
Quiet Qurl 55/025 MC	1.0 inch	100 ft.	400 sq. ft.
Quiet Qurl 55/025 MC MT	1.0 inch	50 ft.	200 sq. ft.
Quiet Qurl 55/025 RF	0.75 inch	100 ft.	400 sq. ft.
Quiet Qurl 55/025 RF MT	1.0 inch	50 ft.	200 sq. ft.
☞ Mat Thickness 0.40 Inches / 10.0 mm			
Quiet Qurl 60/040 MC	1.0 inch	100 ft.	400 sq. ft.
Quiet Qurl 60/040 MC MT	1.25 inch	50 ft.	200 sq. ft.
Quiet Qurl 60/040 RF	1.0 inch	100 ft.	400 sq. ft.
Quiet Qurl 60/040 RF MT	1.0 inch	50 ft.	400 sq. ft.
☞ Mat Thickness 0.75 Inches / 19.0 mm			
Quiet Qurl 65/075 MC	1.5 inch	50 ft.	200 sq. ft.
Quiet Qurl 65/075 N MT	1.5 inch	50 ft.	200 sq. ft.
Quiet Qurl 65/075 N RF	1.5 inch	50 ft.	200 sq. ft.
Quiet Qurl 65/075 RF MT	1.5 inch	50 ft.	200 sq. ft.
☞ Additional Products	Product Thickness	Length	Area
Quiet Qurl Reinforcement RWT	0.375 in./9.0 mm	75 ft.	300 sq. ft.
Quiet Qurl Perimeter Isolation	0.125 in./3.0 mm	550 ft.	183.3 sq. ft.
QQ Step Soft 2 mm	2.0 mm	50 ft.	200 sq. ft.
QQ Step Soft 5 mm	5.0 mm	25 ft.	100 sq. ft.
QQ Step Soft 6 mm	6.0 mm	25 ft.	100 sq. ft.
QQ Step Soft 8 mm	8.0 mm	20 ft.	80 sq. ft.
QQ Step Soft 10 mm	10.0 mm	20 ft.	80 sq. ft.
RC Assurance	0.3125 in./8.0 mm	(500 clips per box)	
Space Assurance	0.25 in./6.0 mm	100 ft.	25 sq. ft.

Quiet Qurl® & GSL® Assembly Results

	Quiet Qurl	GSL® Underlayment	Insulation	Truss Depth	GWB/ RC-1 Channel	IIC / AICC					STC / ASTC
						Bare Gypsum	Carpet	Ceramic Tile	Engineered Wood	Vinyl	
OPEN WEB JOIST 	52/013	0.75"	3 1/2" batt	16"	1 layer/16" o.c.		56	56	53		53
	55/025	1"	3 1/2" batt	18"	1 layer/24" o.c.	51	53	54	53		54
	60/040	1"	Full Cavity	16"	1 layer/24" o.c.		84	57	59		61
	65/075	1 1/2"	6" batt	18"	1 layer/16" o.c.	59	60	61	60		55
	52/013 MT	0.875"	3 1/2" batt	18"	1 layer/16" o.c.	52	54	56	53		
	55/025 MT	1"	6" batt	18"	2 layers/16" o.c.	58		62	61		61
	UL: L521, L528, L529, L534, L542, L546, L550, L558, L562, L563, L574, L576, L577, L579, L581, L583, L586, L587, L592 M500, M501, M503, M508, M510										
Nominal WOOD JOIST 	52/013	0.75"	3 1/2" batt	10"	16" o.c.		50	55	51		57
	55/025	1"	3 1/2" batt	10"	1 layer/16" o.c.		52	55	53		54
	60/040	1 1/4"	3 1/2" batt	10"	16" o.c.	50	53	54	50		54
	65/075	1 1/2"	3 1/2" batt	10"	16" o.c.	52				52	55
	55/025 MT	1"	3 1/2" batt	10"	16" o.c.	55	74	57	57	57	52
	60/040 MT	1 1/4"	3 1/2" batt	10"	16" o.c.	53	68	55		54	53
	UL: L006, L201, L202, L206, L208, L209, L210, L211, L212, L501, L502, L503, L504, L505, L506, L507, L508, L509, L510, L511, L512, L513, L514, L515, L516, L517, L519, L520, L522, L523, L525, L526, L532, L533, L535, L536, L537, L539, L540, L541, L545, L557, L569, L588, L593, L598 M504, M519										
I JOIST 	52/013	0.75"	3 1/2" batt	11 7/8"	2 layers/16" o.c.		56	58	52		58
	55/025	1"	3 1/2" batt	11 7/8"	1 layer/16" o.c.		54	57	53		53
	60/040	1 1/2"	5 1/2" batt	14"	2 layers/24" o.c.	53	54	56	54		53
	55/025 MT	1 1/4"	3 1/2" batt	11 7/8"	2 layers/12" o.c.	54	56	59	56		
	60/040 MT	1"	3 1/2" batt	11 7/8"	2 layers/16" o.c.	60	78	59	61	61	57
	UL: L518, L538, L547, L570, L583, L589, L590 M502, M506, M511, M512, M515										
STEEL JOIST 	55/025 MT	1"	3 1/2" batt	9 1/4"	1 layer/12" o.c.	54	57	56	55		54
	UL: G553, G561, G565, G577, G578, G579, G580, G581, G582 L524, L527, L543, L549, L551, L552, L559, L560, L564, L568, L573 M513										
CONCRETE 	55/025	1"	NONE	6"	NONE					54	
		1"	YES	6"	1 layer				68	63	
	60/040	1"	NONE	6"	NONE				55	53	
		1"	YES	6"	1 layer				68	64	
UL: J917, J919, J920, J924, J927, J931, J957, J991, J994											
WOOD TIMBER RETROFIT 	55/025	1"	NONE	App 14"	NONE					52	51
	65/075 N	2"	NONE	App 12"	NONE	52	52	55	55		58
	55/025 MT	2"	NONE	App 12"	NONE	47	47	50	50		58
	65/075 N MT	2"	NONE	App 12"	NONE	56	58	59	59		60

GSL® Recommended Drying Conditions



In order for GSL® underlayment's to be installed properly, the building interior must be ventilated and heated at a minimum of 50°F (10°C). This must be in place before, during, and after installation of GSL® products until dry.

Typical drying time for 1" thick gypsum concrete is between 7-10 days, but if these drying conditions are not present, the drying time may be longer.

Drying time can vary based on many different variables such as weather, humidity, thickness of the underlayment, ventilation, and the amount of water in the underlayment at the time of installation.

Before and after installation of GSL® products, it is extremely important to maintain a low relative humidity. Some construction materials contain organic materials and if not installed properly, could very well result in mold growth or fungus.

The general contractor is in charge of controlling moisture levels in the building. **It is important to keep windows open during the drying process.** If the weather is not permitting, then the general contractor is responsible for heating. Floor coverings cannot be installed until floor underlayment's are completely dry.

Dependable, LLC recommends the flooring contractor for your individual project test the floor for dryness prior to any installation of finished floor products.

The flooring contractor shall use a moisture meter to check the moisture levels. Dependable, LLC recommends the Delmhorst® BD-2100* Moisture Meter set on the gypsum scale. The calcium chloride method is not recommended.

Dependable, LLC and the GSL® applicators are not responsible for controlling the moisture levels, ventilating or testing the floor. Please contact your general and flooring contractors for actual drying condition procedures. All floor covering manufacturer installation procedures supersede our recommendations.

*Delmhorst® BD-2100 is a product from Delmhorst Instrument Co., www.delmhorst.com.

Project Profile

Private Apartment in Denver, CO



This private apartment located in Denver, CO was in need of a new floor. Trained flooring contractors installed the durable, high strength **GSL® K2.6** gypsum self leveling underlayment onto the subfloor. In a single pour, applications from 0.375" up to 3" depth can be achieved.

The medium flow **GSL®** with self-leveling consistency remains placable for nearly 30 minutes, yet will withstand foot traffic at any depth in about 90 minutes.



GSL® K2.6

This product offers high density, yet has less finished weight and more flexibility than Portland cement self-levelers. Unlike Portland cement, gypsum does not shrink and requires no hand finishing tools other than a darby that establishes thickness and uniformity at time of placement.

Typically installed with a specialty mixing machine capable of placing 20,000 to 30,000 square feet per day, **GSL® K2.6** is specially formulated to add mass to a floor ceiling assembly and help control airborne noise.





Self-Levelers

Dependable's self-levelers are both pumpable and pourable and can be used on a variety of surfaces including wood, ceramic tile, and concrete. There is a solution even for the most difficult substrates.

SKIMFLOW® ES	A modern portland and aluminate cement based self-leveler
SKIMFLOW® HPI	A high strength gypsum based self-leveler for use over virtually all interior surfaces
SKIMFLOW® TT	A cementitious, self-leveling wear resistant topping designed for interior structural floors
SKIMFLOW® TT	A No Prep, hybrid cement self-leveling underlayment designed for time sensitive projects



Feather and Patch

The adhesive friendly, mildewcide protected products are easy to use with a quick dry time. From a feather finish to over an inch in thickness the Dependable feather and patch products can prep the floor.

FEATHERCRETE®	A ultra fine textured, smooth latex modified cement patch
SKIMCRETE® XL	Fast drying, fast cover, latex modified blended cement patch
WHITE SKIMCOAT™	The original quick setting, high strength gypsum patch
SKIMCRETE® CP	An interior and exterior high performance repair mortar



Moisture

Cost effective and high quality our moisture mitigation products can prep any concrete with moisture issues helping fast track a job while saving money.

CUTDOWN® II	A two-part product for up to 90% relative humidity
VAPORSEAL™ HM	A two part solid epoxy moisture mitigation system for RH between 75%-100%



Multi-Family Underlayment

Dependable provides a one source gypsum underlayment and sound control system providing durability, luxury and comfort in new multi-family construction.

GSL® K2.6	A pumpable gypsum self-leveling underlayment for wood frame, concrete and pre-cast concrete construction
GSL® M3.4	A premium high strength gypsum self-leveler for wood frame, concrete and pre-cast concrete construction
GSL® ALL PURPOSE SEALER	A sealer designed to use with GSL® family of products
GSL® PRIMER	A primer designed for use with GSL® family of products
GSL® CSD	A gypsum portland cement, designed for fire-rated corrugated steel deck construction applications
GSL® RH	A fast, quick-setting gypsum cement formulated for radiant floor heating applications
CONSOLICRETE™	A two-part epoxy designed to repair damaged substrates
QUIET QURL®	A variety of entangled net sound mat products designed for use with the GSL® family of products



Primers, Adhesives and Additives

For high standards and when added adhesion is needed Dependable's primers and additives improve adhesion, flexibility and add extra mildewcide protection.

ACRYLIC EMBOSSING ADDITIVE™	Admixture and primer for use with all Dependable trowelable applied products
PRIMER SL™	Latex based primer compatible with Dependable's self level products
WHITE LATEX LIQUID®	For use as a primer or additive (see data sheet for more information)



Rolled Underlayments

Whether tile cracking, noise or moisture is an issue we have a solution to keep floors durable and comfortable. These high performance underlayments work well with both residential and commercial settings.

KEEDEROLL™ 100	An entangled net uncoupling mat designed to keep tiles isolated and prevent cracking
KEEDEROLL™ 300	A waterproof entangled net uncoupling mat designed to keep tiles isolated and prevent cracking
KEEDEROLL™ MT	A fast, durable solution to protect tile and reduce unwanted noise in one roll
QQ STEP SOFT™	A sound deadening rubber mat promoting anti fracture of tile and increasing sound ratings
KEEDELATH™	A synthetic self-furring lath that is a lighter alternative to traditional metal lath
KEEDEBAND™	A 5" wide waterproofing band for KEEDEROLL™ 300 waterproofing installations



Flooring Experts since 1951

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OWNED AND MADE

IN THE USA



SINCE 1951

P.O. Box 16307
Rocky River, OH 44116 800 | 227 | 3434
info@dependable.us P 440 | 333 | 1123
floorprep.com F 440 | 333 | 3781