

## 1. PRODUCT NAME

Moisture Guard Sound Control (MGSC)

## 2. MANUFACTURER

PROFLEX® Products, Inc.  
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Brandon, Florida 33510  
Telephone: 863-937-9623  
Toll Free: 877-577-6353  
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Internet: [www.proflex.us](http://www.proflex.us)



## 3. PRODUCT DESCRIPTION

PROFLEX® MGSC is a single component moisture curing urethane. Designed for easy trowel on application over concrete. MGSC flows to achieve uniform coverage when applied and cures overnight to form a low tack, elastic membrane. MGSC is environmentally superior to most alternative moisture retardation systems, possessing very low V.O.C and odor.

### **Packaging and Shelf Life:**

Product is packaged in a 5 gallon metal pail, which keeps it stable one year in the unopened pail (store under ambient conditions in a dry area). Cured material is not considered hazardous. Partially used containers can have their original lid replaced and sealed. Upon the next use, remove the lid, discard any skin formation and proceed with application. It is recommended to store the product at room temperature (not higher than 100°F) to assure correct flow and self leveling characteristics, as the product does not flow as easily at lower temperatures.

### **Sound Ratings** (Tested documents are available on our website at [www.proflex.us](http://www.proflex.us))

52 STC\*

50 IIC\*

19 Delta\*

\* Tested on a 6" Concrete Slab with No Ceiling. Engineered Wood Plank installed over MGSC and PWA 600 Adhesive.

61 STC\*\*

64 IIC\*\*

\*\* Tested on a 6" Concrete Slab with a Drop Ceiling. Engineered Wood Plank installed over MGSC and PWA 600 Adhesive.

### **Limitations:**

Do not use over concrete treated with sealers or curatives.

Do not use over gypsum based patches or underlayments.

Do not use for below grade applications.

Product will not negate excessive sub floor moisture problems such as hydrostatic pressure. Hydrostatic pressure occurs when the sub floor restricts a body of water from flowing along its normal path. This pressure is unpredictable and can cause failure of the sub floor and any associated coating and barrier system.

Do not use if the floor moisture is outside the floor moisture content guidelines of dry in appearance, dry to the touch and fully cured concrete.

### **Further Warnings and Warranties**

**KEEP OUT OF REACH OF CHILDREN**

**PRODUCT INTENDED FOR PROFESSIONAL USE**

**STORE IN A TIGHTLY SEALED CONTAINER**

**AVOID DIRECT SKIN CONTACT**

**NOT FOR INTERNAL CONSUMPTION**

**CONSULT SAFETY DATA SHEET PRIOR TO USING THIS PRODUCT**

## 4. TECHNICAL DATA

### **Safety Data:**

May contain calcium carbonate (CAS 1317-65-3), MDI isocyanate (CAS 101-68-8).

Contains no California Proposition 65 listed chemicals.

Flash Point >200F. Volatile Organic Content (V.O.C.) <35g/l.

## 5. INSTALLATION

Thoroughly read and understand the technical data prior to the use of PROFLEX® Moisture Guard Sound Control (MGSC). Before using PROFLEX® MGSC on areas over 5,000 square feet, contact PROFLEX® Technical Department. PROFLEX® MGSC is only warranted for use with PROFLEX® Urethane Wood adhesives.

**Surface Preparation:**

Surfaces such as concrete, cement based backer boards, terrazzo and thoroughly abraded ceramic tile must be dry and free of dirt, loose particles, oil, wax, grease or any other substance which may affect adhesion. Floor level must not vary beyond 3/16" per 10 feet. If some materials prove hard to remove during preparation, surface abrasion such as sandblasting or some similar method is required. PROFLEX® MGSC is not intended for below grade applications.

**Moisture Vapor Requirements:**

Concrete Moisture Vapor Limits for subfloor moisture vapor protection:

ASTM 1869 Calcium Chloride Method: None, Dry in appearance and is dry to the touch.

ASTM 2179 Relative Humidity Test: None, Dry in appearance and is dry to the touch.

**Application:**

- PROFLEX® MGSC is applied using a continuous v notch trowel, having teeth width of 3/16" and depth of 5/32". The trowel achieves coverage of 40-45 sq.ft. per gallon. The trowel must be replaced every 500sq.ft.
- When the product pail is first opened, any skin should be removed and discarded. Product is self leveling, hence it will flow to form a continuous layer after it is applied.
- Any voids that may be present after trowelling and self leveling can be back troweled.
- Air bubbles can form small craters at the surface of the product, however these do not affect the performance of the product.
- Following application, the floor should not be walked on for 12 hours, after which, installation of the wood flooring can proceed.
- Clean the product and any tools with mineral spirits prior to PROFLEX® MGSC curing. Follow the cautionary dialogue on the mineral spirits container, as mineral spirits is flammable.
- For standard protection, wear safety glasses and disposable gloves.

**6. AVAILABILITY**

PROFLEX® Products are available nationwide.

To locate Proflex products in your area, please contact:

Phone: 877-577-6353

Website: [www.proflex.us](http://www.proflex.us)

**7. WARRANTY**

PROFLEX® Products, Inc. warrants PROFLEX® Moisture Guard Sound Control (MGSC) to be effective in protecting wood flooring which is installed over floors which push up to unlimited moisture per 1000 square feet per 24 hours based on the ASTM F 1869 calcium chloride test method (dry in appearance, dry to touch and fully cured concrete) and to be in accordance with its technical properties as outlined on its data sheet for 10 years following the date of installation, providing the product has been stored in accordance with its data sheet, used within the duration of its' shelf life and applied in full compliance with its data sheet. The user of this product determines its' suitability for any intended use and assumes all associated risks thereof. This warranty is to the original purchaser. This warranty is not assignable or transferable. In the event of a warranty claim, PROFLEX® Products, Inc. shall pay for reasonable material for a one time replacement of the area, which is defective as a result of the PROFLEX® Moisture Guard Sound Control and not other factors as deemed by PROFLEX® Products, Inc. Some examples of other factors which are not covered by this warranty would be: poor preparation of the subfloor, poor product application practices, poor maintenance and replacement practices of the application trowel, hydrostatic pressure of water through the sub floor, flooding, movement of water from other areas, overly high relative humidity and any type of damage which cannot be proven to be the result of excessive moisture migration through the PROFLEX® Moisture Guard Sound Control due to standard atmospheric humidity and pressure changes. Buyers' sole remedy shall be limited to the one time replacement price of the aforementioned material exclusive of labor or cost of labor. No warranty other than the aforementioned is expressed or implied regarding this product, including any warranty for the sale of this product for a particular application. PROFLEX® Products, Inc. assumes no responsibility for personal injury or property damage to sellers, users or third parties caused by this material. Such sellers or users assume all risks associated with this material.

**8. MAINTENANCE**

None required, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

**9. TECHNICAL SERVICES**

Information is available by calling the Technical Support

Toll Free: 877-577-6353

Fax: 863-937-9624

Technical and safety literature: To acquire technical and safety literature, please visit our website [www.proflex.us](http://www.proflex.us)

**10. FILING SYSTEM**

Division 9