

# **MAXXON® CRACK SUPPRESSION MAT (CSM) SPECIFICATION SHEET**

## **1. Product**

**Maxxon Crack Suppression Mat**

## **2. Manufacturer**

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## **3. Product Description**

CSM is a reinforcement product used in conjunction with Maxxon Underlayments for crack suppression. CSM consists of a nylon core of fused, entangled filaments bonded to a non-woven tri-laminate, consisting of two layers of polyester spunbond sandwiched around a LDPE film which gives water barrier properties.

### **Features and Benefits:**

- Excellent durability
- Light – easy to handle
- Dimensionally stable in hot weather – not brittle in cold
- Long rolls reduce installation cost (compared to conventional galvanized metal lath)
- Can be used over wood, concrete and precast plank
- Used in between Acousti-Mat® II, Acousti-Mat® 3, or Enkasonic® and Maxxon underlayment to reduce thickness of underlayment
- Used in lieu of metal lath
- A Maxxon “Green” product. Contains 40% recycled content.
- Water resistant fabric
- Made in the USA.

## **4. Technical Data**

Material Composition: Nylon 6  
Thickness, nominal: 0.4" (10.3 mm)  
Roll width: 39 inches (99.1 cm)  
Roll length: 100 feet (30.5 m)  
Roll diameter: 27 inches (68 cm)  
Roll weight: 36 lbs (15.9 kg)  
Roll yield: 325 ft<sup>2</sup> (30.2 m<sup>2</sup>)  
Core weight: 10.9 oz/yd<sup>2</sup> (369 g/m<sup>2</sup>)  
Core & fabric weight: 14.1 oz/yd<sup>2</sup> (478 g/m<sup>2</sup>)

## **5. Installation**

### **Surface Preparation:**

All subfloors must be structurally sound, solid, free of dirt, mud and dust. Over oil, grease and other surface contaminants, CSM must be mechanically attached. All subfloors must be dry and a minimum of 50° F (10°C).

### **Methods of Installation:**

Install nylon core facing up.

Wood frame: Mechanically fasten CSM (fabric down) to the wood subfloor with staples approximately 12"- 16" o.c., then apply Maxxon® Floor Primer per manufacturers' recommendations. Top with a minimum 3/4" approved Maxxon underlayment.

Concrete/Precast Concrete: Apply Maxxon® Floor Primer per manufacturers' recommendations and install CSM onto the wet primer. Cover with a 1/2" minimum topping of approved Maxxon underlayment.

Acousti-Mat II: Install CSM (fabric down) perpendicular to the direction of the Acousti-Mat II or stagger the joints. Contact adhesive is used where necessary to bond the CSM to the Acousti-Mat II. Cover with a 3/4" minimum topping of approved Maxxon underlayment.

Enkasonic: Install CSM (fabric down) perpendicular to the direction of the Enkasonic or stagger the joints. Contact adhesive is used where necessary to bond the CSM to the Enkasonic. Cover with a 3/4" - 1" minimum topping of approved Maxxon underlayment.

Acousti-Mat 3: Install CSM (fabric down) perpendicular to the direction of the Acousti-Mat 3 or stagger the joints. Contact adhesive is used where necessary to bond the CSM to the Acousti-Mat 3. Cover with a 1-1/2" minimum topping of approved Maxxon underlayment.

## **6. Warranty**

Maxxon Corporation warrants Crack Suppression Mat to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the materials or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the removal or installation of Crack Suppression Mat.

Because the Maxxon Corporation does not perform the actual installation, it cannot be held responsible for the results of the application. Maxxon Corporation specifically disclaims problems that occur due to weather conditions, moisture, structural design flaws and application techniques.

The warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Maxxon Corporation's part. Maxxon Corporation neither assumes nor authorizes any person to assume for Maxxon Corporation any liability in connection with the sale and installation of Crack Suppression Mat.

## **7. Technical Services**

Technical performance verification and service is available through Maxxon Corporation or Maxxon Regional Representatives.

**MAXXON® CRACK  
SUPPRESSION MAT**

**Another Superior Product  
From Maxxon® Corporation**