ENHANCED ACOUSTICAL PERFORMANCE
DURABLE, SUPERIOR WATERPROOFING
ONE ADVANCED DECKING SYSTEM

SOUND SOLUTIONS FOR WATERPROOFING

FROM MAXXON CORPORATION AND PII DEK SYSTEMS, INC.
PROVEN ACOUSTICAL & WATERPROOFING PERFORMANCE

PERSONAL BALCONIES

COMMON AREAS

CORRIDORS

by MAXXON CORPORATION

AND

PLI-DEK

A PARTNERSHIP OF INNOVATION

Maxxon Corporation and Pli-Dek — together offering enhanced acoustical performance and fire control in exterior waterproof deck coatings

Raising the standards for underlayment systems and exterior, above-grade waterproof decking

Ability to upgrade sound performance with a variety of sound control mats

Over 100 UL Listings

Over 70 years combined industry experience in underlayments and waterproof deck coatings

DEK C-MENT® by MAXXON CORPORATION

Dek C-Ment is a high-strength underlayment designed specifically for installation with Pli-Dek’s Con-Dek Waterproofing Deck Coating System. Project applications include personal balconies, common areas, and corridors.

CON-DEK™ SYSTEM by PLI-DEK

Con-Dek System is a durable yet flexible waterproof deck coating designed for use over above-grade concrete substrates. The Con-Dek System provides a wide variety of finish options that offer ultraviolet protection, skid-resistance, and a Class “A” fire rating.

Together, the Dek C-Ment and Con-Dek System provides enhanced acoustical performance with a lightweight waterproof deck coating, for the overall project value today’s building owners and developers demand. With over 100 UL listings, Dek C-Ment also adds enhanced fire control to your project. It’s also GREENGUARD Gold Certified, ensuring an eco-friendly project.

To benefit from “sound waterproofing solutions” on your next project, contact Pli-Dek or Maxxon Corporation today.
## DEK C-MENT® ACOUSTICAL PERFORMANCE*

<table>
<thead>
<tr>
<th>Mat</th>
<th>Topping Min.</th>
<th>Total System Height</th>
<th>Approximate Sound Rating***</th>
<th>Typical Code Performance**</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>IIC</td>
<td>STC</td>
</tr>
<tr>
<td>Acousti-Mat 1/8</td>
<td>3/4&quot; (19 mm)</td>
<td>=1&quot;</td>
<td>50-53</td>
<td>57-59</td>
</tr>
<tr>
<td>Acousti-Mat 1/4</td>
<td>1&quot; (25 mm)</td>
<td>1/4&quot;</td>
<td>51-54</td>
<td>58-60</td>
</tr>
<tr>
<td>Acousti-Mat 1/4 Premium</td>
<td>1&quot; (25 mm)</td>
<td>=1/4&quot;</td>
<td>54-57</td>
<td>58-60</td>
</tr>
<tr>
<td>Acousti-Mat 3/8</td>
<td>1&quot; (25 mm)</td>
<td>1/8&quot;</td>
<td>54-57</td>
<td>58-60</td>
</tr>
<tr>
<td>Acousti-Mat 3/8 Premium</td>
<td>1&quot; (25 mm)</td>
<td>=1/8&quot;</td>
<td>57-60</td>
<td>58-60</td>
</tr>
<tr>
<td>Acousti-Mat 3/4</td>
<td>1½&quot; [38 mm] Reinforced</td>
<td>2½&quot;</td>
<td>57-60</td>
<td>59-62</td>
</tr>
<tr>
<td>Acousti-Mat 3/4 Premium</td>
<td>1½&quot; [38 mm] Reinforced</td>
<td>=2½&quot;</td>
<td>61-64</td>
<td>59-62</td>
</tr>
</tbody>
</table>

** Approximate ratings above include a hard surface finished floor good in traditional wood frame construction. Actual ratings may vary based on project variables. IIC/STC levels above are an approximation of sound reduction potential in a well-designed, acoustically sound assembly. It should be expected that carpet and pad will significantly increase the overall performance of the sound control system. This information is based on solid data and years of experience in the underlayment industry, however, due to the many variables beyond our control (for example quality control of drywall installation, type of resilient channel, design and density of the building materials, flanking paths, etc.), it should not be considered a guarantee of performance. The code performance listed represents typical levels found in wood frame construction utilizing insulation, resilient channel and gypsum board ceiling.

*** Consult the System Selector and/or Maxxon for approximate sound ratings over concrete or steel deck.

### ICC G2-2010 GUIDELINE FOR ACOUSTICS

<table>
<thead>
<tr>
<th>Code Minimum</th>
<th>Laboratory Sound Rating</th>
<th>Field Sound Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 STC/IIC</td>
<td>45 FSTC/FIIC</td>
<td></td>
</tr>
<tr>
<td>Acceptable Performance</td>
<td>55 STC/IIC</td>
<td>52 FSTC/FIIC</td>
</tr>
<tr>
<td>Preferred Performance</td>
<td>60 STC/IIC</td>
<td>57 FSTC/FIIC</td>
</tr>
</tbody>
</table>

### NOTE:
- **FSTC** — Field Sound Transmission Class in accordance with ANSI/ASTM E336 and E413.
- **STC** — Sound Transmission Class in accordance with ASTM E90 and E413.
- **IIC** — Impact Insulation Class in accordance with ASTM E492.
- **FIIC** — Field Impact Insulation Class in accordance with ASTM E1007 and E989.

International Building Code (IBC) requires a minimum 50 STC/IIC (45 FSTC/FIIC) in multifamily construction. Because an STC/IIC of 50 provides only marginal sound control, the International Code Council (ICC), author of the IBC, now recommends that an “acceptable” level of performance for both STC and IIC is 55 (52 if field tested). The “preferred” level of performance for STC and IIC is 60 (57 if field tested). Maxxon Underlayments and Acousti-Mat are but single components of an effective sound control system. No sound control system is better than its weakest component. Care must be taken in the selection and installation of all components of construction to ensure the ultimate designed acoustical performance. All acoustical testing was done by Architectural Testing; Riverbank Testing Laboratories; Intertek, Inc.; Intertek; Twin City Testing Corporation; Maxxon R & D Test Center; D.L. Adams Associates, L.T.D.; Veneklasen Associates; NGC Testing Services; AV Group or JGL Acoustics. For type of floor covering used, channel spacing and other information, contact Maxxon for test reports by number.
**COLOR & FINISHING OPTIONS**

### PLI-DEK GS88-1 SEALER COLORS

- EXECUTIVE GRAY**†
- MEDIUM GRAY
- DARK GRAY**†
- ARIZONA TAN**†
- SANDSTONE*†
- PUTTY
- TERA COTTA*
- REVERE*
- STAMFORD*
- MUD PIE*
- HICKORY
- ADOBE

*Select GS88-1 Sealer Colors are available in cementitious tint vials. Actual colors will vary. † Available in RESINYTE™ Floor Coating Systems.

### PLI-DEK STAIN COLORS

- BLACK
- BRANDY
- BUCKSKIN
- COFFEE
- CONCRETE GREY
- EXECUTIVE GREY
- YELLOW
- PISTACHIO
- KHAKI
- REDWOOD
- SAND
- TERRA COTTA
- PINK
- CUSTOM COLOR CHART

### SAMPLE FINISHES

- **HAND TROWEL**
  - Top Coat: Sandstone
  - Shading: Wash: Light Buckskin
  - Spot Wash: Terra Cotta
  - Sealer: PD Clear
- **HAND TROWEL**
  - Top Coat: Executive Grey
  - Shading: Spot Wash: Buckskin, Brandy, Dark Grey
  - Sealer: PD Clear
- **DOUBLE TILE**
  - Top Coat: Arizona Tan
  - Shading: Wash: Coffee
  - Sealer: PD Clear
- **AMERICAN FLAGSTONE**
  - Top Coat: Executive Grey
  - Grout: Dark Grey
  - Shading: Wash: Black, Spot Black
  - Sealer: GS99-1

### PLI-DEK PATTERN SELECTIONS

- **PALOS VERDE STONE**
- **NORMAN COBBLES**
- **KING’S SLATE**
- **AMERICAN FLAGSTONE**

- **TILE**
  - Top Coat: Terra Cotta
  - Grout: Executive Grey
  - Sealer: PD Clear

- **HERRINGBONE**

Actual colors will vary. Color appearance is affected by lighting, surface texture and method of application. Final color approval should be selected from physical samples.