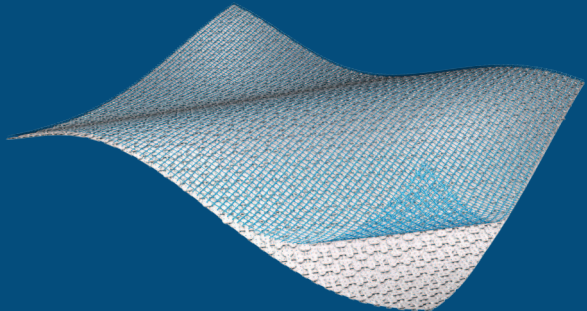




# INVINCIBLE!

FLEXBONE® - The Most  
Advanced Single Source  
Uncoupling Solutions!

**ARDEX UI 720™ FLEXBONE®**  
Floating Uncoupling Membrane



tile & stone  
Installation Systems

# Uncoupling for Tile and Stone Installations

Substrates provide a variety of challenges for tile and stone installations. Wooden and concrete subfloors go through various cycles of expansion, contraction and deflection during the life of a floor covering due to changes in weather, moisture conditions, inherent subfloor properties, etc. Uncoupling membranes are designed to protect tile and stone installations from subfloor movement, moisture vapor transmission, and provide load distribution preventing tile and joint cracking, buckling and disbonding. ARDEX offers two unique high performance single source uncoupling system solutions that are easy to install and provide an enhanced level of safety and convenience for tile and stone installations.

## FLEXBONE® An Enhanced Level of Protection

The unique FLEXBONE® design is the high-performance backbone for tile and stone installations delivering true 100% uncoupling, moisture vapor equalization and maximum installation protection. FLEXBONE® Uncoupling Systems are recommended with ARDEX high-performance polymer modified mortars for enhanced installation safety.

## ARDEX UI 720™ FLEXBONE® Floating Uncoupling System

- Revolutionary unbonded, floating system
- True 100% uncoupling
- Perfect for use over difficult substrates
- Ideal for frequently changed floor coverings
- Up to 50% time savings and significant cost reduction
- Prevents grout joint and tile damage
- Use with porcelain, ceramic, quarry and natural stone tiles for interior applications

### GripLock Technology

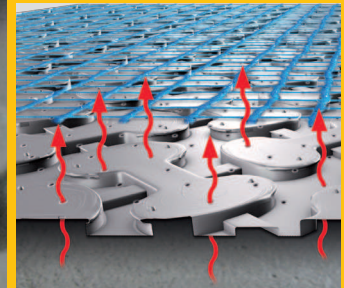
- Maximum Bond Strength

### Unique Bone Structure

- Very High Flexibility and Deformability

### Vapor Pressure Compensation

- 1000+ Perforations per Square Foot
- Underside Channels



# True 100% Uncoupling

ARDEX UI 720™ FLEXBONE® Floating Uncoupling Membrane is a revolutionary loose laid floating system providing 100% uncoupling. Since the membrane is not bonded to the substrate, the result is significant time and cost savings. ARDEX UI 720™ FLEXBONE® has a unique bone shaped pattern with GripLock Technology for the highest level of bond strength. The membrane is constructed of a highly durable, flexible plastic with a glass fiber mesh laminated on the top side with self-sticking overlaps for easy seam connection. The membrane also contains more than 1,000 perforations per square foot for improved vapor pressure equalization.

## Difficult Substrate? NO PROBLEM!

ARDEX UI 720™ FLEXBONE® is ideal for installation over difficult indoor substrates like:

- Fresh laid, slightly damp concrete
- Linoleum and vinyl floorcoverings
- Oil contaminated floors
- Existing and cracked tile
- Painted floors
- Modified OSB
- Cutback adhesive
- Mixed substrates
- Epoxy and polished concrete floors



Existing cracked tile



Modified OSB



Adhesive residue

## Change the floor... ...and be quick about it!

ARDEX UI 720™ FLEXBONE® is the perfect solution for frequently changing floors.

- Boutique retail stores
- Showrooms
- Multi-unit housing
- Tradeshow exhibits
- Subfloors with encased in-floor heating



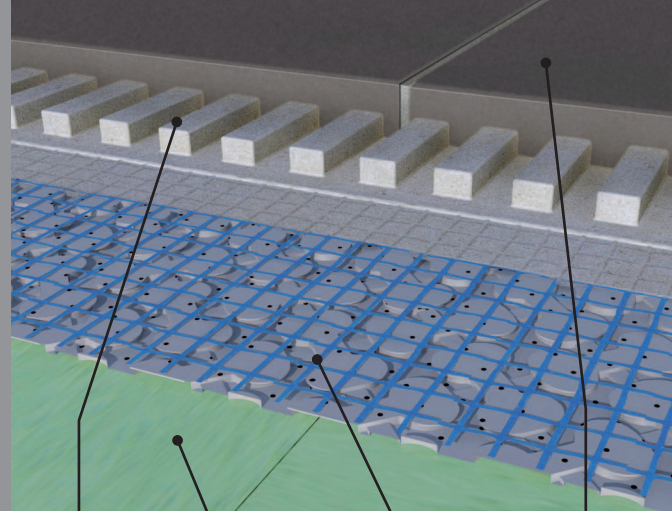
The system lifts out easily in sections without damaging or disturbing the substrate.

# ARDEX UI 720™ FLEXBONE®

## ideal for:

- Residential applications
- Offices
- Hotel rooms
- Medical offices
- Boutique retail shops
- Car dealer showrooms

Robinson Test Rating – Light Commercial



ARDEX  
Polymer  
Modified  
Mortar

Vinyl  
Floor

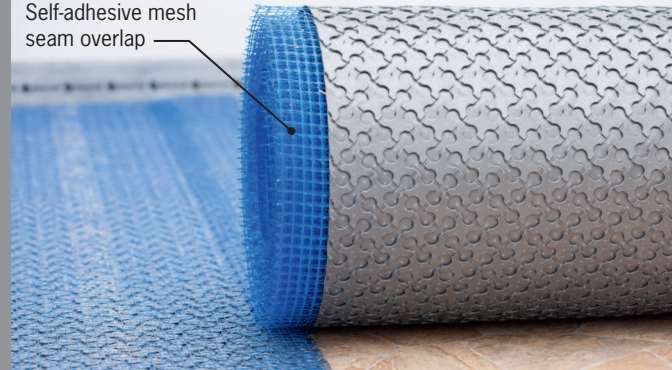
ARDEX UI 720™  
FLEXBONE®  
Floating Uncoupling  
Membrane with  
Mesh Weave

Tile

## Extremely Easy Installation

- Roll out the mat
- Adhere the seams
- Flat trowel mortar into the mesh
- Comb out the mortar
- Install tile and grout

Self-adhesive mesh  
seam overlap



When ARDEX FLEXBONE®  
Uncoupling Membranes  
are used with approved  
ARDEX high-performance  
mortars and grouts, the  
installation is eligible  
for the industry best  
ARDEX SystemOne™  
10 Year Warranty.

**SystemOne™**



CHOOSE  
**YOUR**  
SOLUTION

When a bonded application is desired and for wet or high traffic area applications, ask about ARDEX UI 740™ FLEXBONE® Uncoupling Membrane.



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