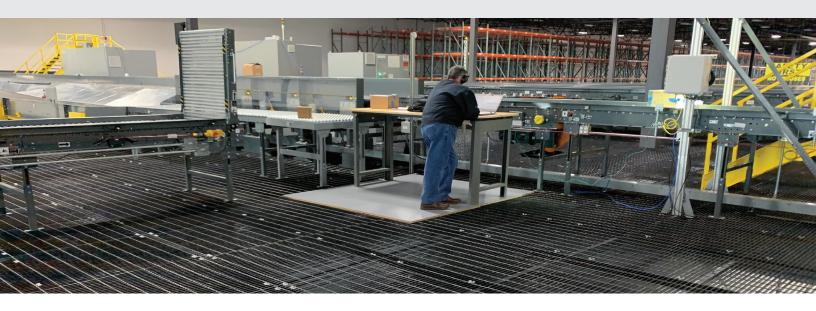


RESINDEK® VS. BAR GRATING

MAKING THE SMART CHOICE FOR YOUR FACILITY'S FLOORING



WORKPLACE EFFICIENCY & MAINTENANCE

ResinDek® Advantages:

- Complete Surface Coverage: Tools, fasteners, and small parts stay where they belong instead of falling through to lower levels
- Maintenance Friendly: Creates comfortable kneeling surface for workers, supports mechanics' creepers and rolling stools
- Reduced Downtime: Equipment servicing and repairs completed faster with better accessibility

Bar Grating Limitations:

- Lost tools and parts through openings
- Uncomfortable kneeling surface requires additional padding
- · Limited use of wheeled maintenance equipment

ERGONOMICS & EMPLOYEE HEALTH

ResinDek® Delivers:

- Reduced Physical Stress: More forgiving surface minimizes impact forces during walking
- Lower Fatigue Levels: Employees experience less physical strain during shifts
- Injury Prevention: Biomechanical testing shows walking on bar/plank grating increases tibial shock force by over 10%
- Improved Productivity: Equivalent to removing 18 pounds of body weight compared to bar grating
- · Long-term Health Benefits: Reduces risk of musculoskeletal disorders from prolonged standing and walking

Bar Grating Concerns:

- Rigid, unforgiving surface increases physical strain
- Higher impact forces equivalent to adding 18 pounds to body mass
- Increased risk of lower extremity injury
- Greater employee fatigue during shifts
- · Potential for higher injury rates and workers' compensation claims



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OPERATIONAL BENEFITS

ResinDek® Delivers:

- Enhanced Mobility: Smooth surface for pallet jacks, carts, and wheeled equipment
- Noise Reduction: Significantly quieter operations compared to metal grating
- Cleaner Environment: Prevents debris, dust, oil and grease from falling to lower levels
- Workplace Safety: Eliminates trip hazards from open grating, prevents heel catches
- Professional Appearance: Accommodates all footwear types including dress shoes

Bar Grating Considerations:

- · Restricted movement for wheeled equipment
- · Higher noise levels throughout facility
- · Debris and contaminants fall to lower levels
- · Potential catching hazards for various footwear types

STRUCTURAL & INSTALLATION ADVANTAGES

ResinDek® Provides:

- Cost Efficiency: Generally, less expensive than bar grating
- Versatile Design: Can handle higher point loads without additional framing
- Field Adaptable: Easily modified to accommodate obstructions or structural irregularities
- Easier and Faster Repair Process: Replace individual panels without creating fall hazards
- 10-Year Warranty: Guaranteed performance for rolling loads

Bar Grating Strengths:

- Single-piece installation can be faster initially
- · Better suited for wet environments and outdoor applications
- · Better airflow (though this advantage diminishes once platform is loaded)

BOTTOM LINE COMPARISON

Feature	ResinDek	Bar Grating
Routine Maintenance	Excellent	Limited
Worker Comfort	Superior	Poor
Total Installation Cost	Lower	Higher
Cleanliness	Better	Worse
Noise Level	Quieter	Louder
Point Load Capacity	Higher	Lower
Warranty	10 Years	Varies
Wet Environment Use	Limited	Better

Both Products Provide:

- Similar allowable deflection ratings (L/240)
- · Comparable framing span requirements
- Excellent performance at standard 125 PSF loads



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