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## Ensuring ADA Compliance with Western Interlock Paving Stones

Western Interlock Inc. is committed to producing high-quality paving stones that not only enhance the beauty and functionality of outdoor spaces but also meet the rigorous standards of the Americans with Disabilities Act (ADA). Our paving stones ensure accessibility and safety for all individuals, including those with disabilities, through thoughtful design and precise manufacturing. This white paper outlines how Western Interlock paving stones comply with ADA requirements and support universal design principles.

### Understanding ADA Requirements for Paving Surfaces

The ADA establishes specific guidelines for accessible surfaces to ensure they are safe and navigable for individuals with mobility challenges. Key requirements include:

1. **Firmness and Stability:** Surfaces must provide firm and stable footing for wheelchairs, walkers, and other mobility aids.
2. **Slip Resistance:** Paving materials should minimize the risk of slipping in both wet and dry conditions.
3. **Cross Slope and Grade:** Walkways must have minimal cross slope (maximum of 1:48) and a maximum running slope of 1:12 for ramps.
4. **Surface Gaps:** Openings in ground surfaces must not exceed ½ inch in width to prevent tripping hazards and allow for smooth navigation.
5. **Detectable Warnings:** Textured surfaces or patterns are required in specific locations, such as curb ramps, to alert visually impaired individuals to changes in elevation.

### How Western Interlock Paving Stones Meet ADA Standards

1. **Firm and Stable Surfaces** Western Interlock paving stones are crafted from high-density concrete, ensuring durability and resistance to shifting or settling. The pavers themselves are three times stronger than poured concrete with a minimum strength of 8,000 psi and a maximum of 5% water absorption. When properly installed, they provide a level and solid surface suitable for all mobility devices.
2. **Slip-Resistant Finishes** Our paving stones are manufactured with aggregate that enhances traction without compromising aesthetic appeal. Independent testing confirms that Western Interlock products meet or exceed ADA slip resistance standards in both wet and dry conditions.
3. **Precision Manufacturing for Consistent Gaps** Western Interlock paving stones are manufactured with precision to maintain consistent joint widths that comply with the ½-inch gap requirement. Proper installation using recommended joint material further enhances surface continuity.



*Paving Stone and Retaining Wall  
Systems Made for the Northwest*

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4. **Customization for Slope and Grade Compliance** Western Interlock's modular system allows for precise grading and slope adjustments during installation. This ensures compliance with ADA standards for cross slopes and running grades, even on challenging terrains.

### **Applications of Western Interlock Paving Stones**

Western Interlock paving stones are suitable for a variety of ADA-compliant applications, including:

- Sidewalks and pathways
- Parking lots with accessible spaces
- Curb ramps and transitions
- Outdoor plazas and patios
- Recreational trails

### **Conclusion**

Western Interlock is dedicated to supporting accessibility and inclusion through innovative paving solutions that meet ADA standards. By choosing our paving stones, you can create functional, beautiful, and accessible spaces that enhance the quality of life for all individuals. For more information or to discuss your project's specific needs, contact Western Interlock directly