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- › [KROAK](#) /
- › KROAK Heavy-Duty Rubber Curb Ramps (Model KROAK1) Instruction Manual

KROAK KROAK1

KROAK Heavy-Duty Rubber Curb Ramps (Model KROAK1) Instruction Manual

Comprehensive guide for installation, operation, and maintenance.

1. INTRODUCTION

Thank you for choosing KROAK Heavy-Duty Rubber Curb Ramps. These ramps are designed to provide a safe and durable solution for transitioning over curbs and elevated surfaces. Constructed from reinforced rubber, they offer high load capacity and resistance to various environmental conditions.

This manual provides essential information for the proper setup, operation, and maintenance of your KROAK curb ramps. Please read it thoroughly before use to ensure optimal performance and safety.

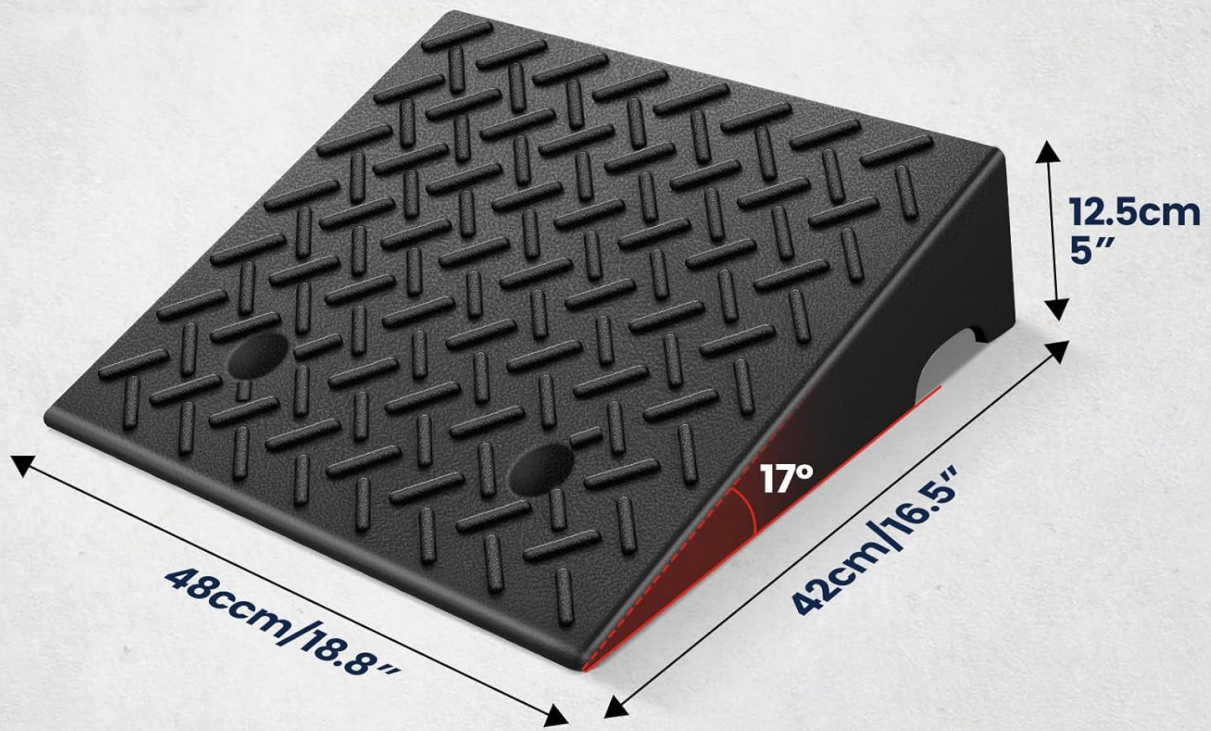
2. SAFETY INFORMATION

Always prioritize safety when installing and using the curb ramps. Failure to follow these guidelines may result in injury or damage to property.

- Ensure the ramps are placed on a stable, level surface before driving over them.
- Verify the load capacity of the ramps (11800 LBS / 4 tons for dual ramps, 2 tons for single) is not exceeded by the vehicle or equipment.
- Drive slowly and carefully over the ramps. Avoid sudden acceleration or braking.
- Regularly inspect ramps for wear, damage, or loose fasteners. Replace or repair as needed.
- Keep the ramp surface clear of debris, ice, or excessive water to maintain optimal traction.
- When combining multiple units, ensure steel bolt connectors are securely fastened to maintain stability.
- Be aware of the 360° edge protection bevels to prevent tripping hazards when walking near the ramps.

3. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	KROAK
Model Number	KROAK1
Material	Reinforced Rubber Compound
Color	Black
Product Dimensions (L x W x H)	16.5" x 18.8" x 5" (per ramp)
Load Capacity	Up to 11800 LBS (4 tons) for dual ramps
Angle of Incline	17 degrees
Temperature Resistance	-40°F to 240°F
Features	Textured Anti-Slip Surface, Side Drainage Channels, Interlocking Base Grid, UV Stabilizers, Pre-drilled Holes



Product Specification

Quantity: 2 PCS

Angle of incline: 17°

Height: 5 inches

Ramp size: 42cm(16.5") x 48cm(18.8") x 12.5cm(5")

Image: Detailed dimensions of the KROAK Rubber Curb Ramp.

4. SETUP AND INSTALLATION

The KROAK curb ramps are designed for quick and easy setup. They can be used individually or connected for wider applications.

4.1 Initial Preparation

Upon unpacking, it is recommended to place the rubber curb ramps outdoors or in a well-ventilated area for a period to allow any inherent rubber odor to dissipate.

Tips:

Please unpack and place the rubber curb material outdoors or in a ventilated place before use to disperse the inherent odor.



Image: A KROAK curb ramp on a curb with a tip about ventilating the product outdoors to reduce odor.

4.2 Placement

Position the ramps against the curb or elevated surface you wish to traverse. Ensure the ramps are flush with both the ground and the elevated surface for maximum stability.



Image: Two KROAK curb ramps placed against a curb in snowy conditions.



Image: Two KROAK curb ramps positioned at a doorway threshold.

4.3 Connecting Multiple Ramps (Optional)

For wider applications, such as truck docks or wider entrances, multiple ramps can be bolted together using the pre-drilled holes and included galvanized hardware.

1. Align the pre-drilled holes of adjacent ramps.
2. Insert the provided expansion screws into the holes.
3. Use a T-shaped socket or appropriate wrench to tighten the screws securely.



Image: Installation process showing an expansion bolt being inserted into a pre-drilled hole.

Your browser does not support the video tag.

Video: Demonstrates the installation and use of KROAK Rubber Curb Ramps, including how to connect multiple units.

5. OPERATION AND USAGE

These ramps are versatile and suitable for various applications, including:

- **Vehicles:** Cars, trucks, RVs, motorcycles.
- **Mobility Aids:** Wheelchairs, mobility scooters.
- **Equipment:** Lawnmowers, hand trucks, trailers.
- **Locations:** Driveways, garages, warehouses, loading docks, barns, home thresholds.

MULTIPLE APPLICATION



Image: Multiple applications for the KROAK curb ramps.

5.1 Driving Over Ramps

When driving over the ramps, approach them slowly and at a perpendicular angle if possible. Maintain a steady speed and avoid sharp turns on the ramps. The diamond-tread surface provides enhanced friction for safe passage.



Image: A vehicle tire traversing a KROAK curb ramp.



Image: A wheelchair user utilizing two KROAK curb ramps for accessibility.



Image: A person pushing a lawnmower over two KROAK curb ramps.



Image: A hand truck being rolled over a KROAK curb ramp.

6. MAINTENANCE

Proper maintenance will extend the lifespan and ensure the continued safety of your KROAK curb ramps.

- **Cleaning:** Clean the ramps regularly with water and a mild detergent to remove dirt, mud, and other debris. The side drainage channels and hollow grid base are designed to facilitate water runoff and prevent accumulation.
- **Inspection:** Periodically inspect the ramps for any signs of wear, cracks, or damage. Check the integrity of the anti-slip texture.
- **Fasteners:** If ramps are bolted together, check the tightness of the expansion screws periodically and re-tighten if necessary.
- **Storage:** If storing the ramps, ensure they are clean and dry. They can be stored indoors or outdoors due to their temperature and UV resistance.



Image: Illustration of water drainage through the ramp's ventilation holes.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Ramp slides or shifts during use.	Unstable placement, debris underneath, or loose connections.	Ensure ramps are on a clean, level surface. If connected, tighten bolts. The interlocking base grid provides vacuum suction on concrete.
Reduced traction on ramp surface.	Accumulation of dirt, mud, ice, or water.	Clean the ramp surface. Ensure drainage channels are clear. Avoid using in extreme icy conditions without additional traction aids.
Ramp appears damaged (cracks, deformation).	Excessive load, impact, or prolonged exposure to extreme conditions beyond specifications.	Discontinue use immediately. Replace the damaged ramp. Ensure load capacity is not exceeded.
Strong rubber odor persists.	New product odor.	Ensure ramps are placed in a well-ventilated area for a longer period. The odor should dissipate over time.

8. WARRANTY AND SUPPORT

KROAK offers a 5-year color guarantee on these rubber curb ramps, ensuring resistance to sun damage and color fading. For any questions, concerns, or warranty claims, please contact KROAK customer support through your purchase platform or the official KROAK website.

Please have your model number (KROAK1) and purchase details ready when contacting support.

