Installation, Safety and Maintenance Instructions

Loading Dock Rubber Bumper

PACKAGE CONTENTS

Rubber Bumper

1 pc

Concrete Anchor Bolts

(14 × 135 mm)
4 pcs + Washers

REQUIRED TOOLS

- Hammer drill with 14 mm concrete drill bit
- Electric impact wrench with 22, 14, 13 mm socket
- Marker or Center Punch for Hole Marking

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INSTALLATION INSTRUCTIONS

STEP 1 Positioning

Place the rubber bumper in the desired installation location according to the area requiring protection.

STEP 2 Marking the Drill Holes

Using the mounting holes in the rubber bumper as a guide, mark the drilling locations on the concrete surface.

STEP 3 Drilling

Drill four holes with a 14 mm concrete drill bit to a minimum depth of 80 mm.

STEP 4 Cleaning the Holes

Remove all dust and debris from the drilled holes using compressed air, a vacuum cleaner, or a suitable cleaning brush.

STEP 5 Positioning the Bollard Assembly

Place the rubber bumper over the drilled holes, ensuring all mounting holes are correctly aligned.

STEP 6 Fixing the Anchor Bolts

Insert the supplied 14 × 135 mm concrete anchor bolts together with the supplied flat washers through the bumper and into the drilled holes.

STEP 7 Final Tightening

Tighten all anchor bolts evenly using an electric impact wrench with a 22 mm socket until the bumper is firmly secured against the concrete surface.

SAFETY INSTRUCTIONS

- Ensure the concrete surface is structurally sound and suitable for anchoring before drilling.
- Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, hearing protection, and safety footwear.
- Check the installation area for hidden electrical cables, water pipes, gas lines, or other services before drilling.
- Use only the supplied or approved concrete anchor bolts.
- Ensure the rubber bumper is fully supported by the mounting surface.
- Tighten all anchor bolts evenly to prevent uneven loading or distortion.

MAINTENANCE / INSPECTION

- Perform periodic visual inspections to ensure the bumper remains firmly fixed to the wall.
- Replace the bumper if excessive wear, cracking, tearing, or structural damage is observed.

TECHNICAL NOTES

- Recommended drill hole diameter: Ø14 mm
- Minimum drill depth: 80 mm
- Installation is intended for solid concrete surfaces only unless otherwise specified.
- Do not install on cracked, loose, or deteriorated concrete.

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