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## Hormann T30-H8-5/MZ (Manufacturer Reference: 341010)

# Hormann T30-H8-5/MZ Fire Door Instruction Manual

Model: T30-H8-5/MZ (Manufacturer Reference: 341010)

## 1. PRODUCT OVERVIEW

The Hormann T30-H8-5/MZ fire door is engineered to provide maximum safety, particularly for heating cellars and oil tank rooms. This robust single-leaf door is a testament to Hormann's expertise in fire protection, designed for secure and sealed integration into wall openings. Its universal design allows for both left and right-hand installation, adapting seamlessly to various architectural requirements.

The door features a double-walled construction, 45 mm thick, with 0.9 mm sheet steel on both sides, ensuring high stability and durability. It incorporates fire-retardant mineral wool insulation and steel reinforcement for enhanced safety. The included lock and handle are compatible with profile cylinders and bit keys, with a BB key provided.

## 2. KEY FEATURES

- Tested Safety:** Hormann T30 fire door, suitable for basements, garages, heating rooms, or oil tank areas.
- Approved Quality:** Designed for installation in concrete interior walls (thickness > 100mm) or masonry (thickness > 115mm).
- Universal Handing:** Can be installed as a left or right-hand door.
- Robust Construction:** 45 mm thick door leaf, 0.9 mm fine-groove sheet steel.
- Fire Protection:** Equipped with fire-retardant mineral wool insulation and two steel security bolts.
- Finish:** Frame, door panel, and frame are galvanized and primed, powder-coated in grey-white (similar to RAL9002).
- Sealing:** Four-sided black seal for enhanced fire resistance.
- Hardware Included:** Handle set and mortise lock with change function.

## 3. TECHNICAL SPECIFICATIONS

Specification	Detail
Door Leaf Thickness	45 mm

Specification	Detail
Sheet Steel Thickness	0.9 mm
Color	Grey-white (similar to RAL9002)
Material	Steel (galvanized and primed), Mineral Wool Insulation
Sound Insulation (RW)	Approx. 37 dB
Thermal Insulation (UD)	1.6 W/m <sup>2</sup> K
Approval Number	Z-6.20-2160
Installation Method	Surface mounting
Usage	Commercial and private
UPC	743031774976

#### 4. PACKAGE CONTENTS

The Hormann T30-H8-5/MZ fire door is delivered as a ready-to-install element. Please verify that all components are present before beginning installation.

- Door leaf
- Corner frame with wall anchors
- All-round fire-retardant seal
- Mortise lock with change function
- Spring latch
- Black plastic fire protection sleeve
- Lever handle set (jack/jack)
- BB key



Figure 4.1: Packaging for the included lever handle set.

## 5. SETUP AND INSTALLATION

Installation should be performed by qualified personnel in accordance with local building codes and fire safety regulations. Ensure the wall opening dimensions are correct for the door size (e.g., 875x2000 mm).

### 5.1 Pre-Installation Checks

- Verify the integrity of all components.
- Ensure the wall opening is clean, level, and meets the minimum thickness requirements (concrete > 100mm, masonry > 115mm).
- Confirm the desired opening direction (left or right-hand swing) before proceeding.

### 5.2 Frame Installation

1. Position the corner frame into the wall opening.
2. Use shims to ensure the frame is perfectly plumb and level.

3. Secure the frame using the provided wall anchors, following manufacturer guidelines for anchor type and spacing.
4. Fill any gaps between the frame and the wall with appropriate fire-rated material as per local regulations.

### 5.3 Door Leaf and Hardware Installation

1. Carefully hang the door leaf onto the frame hinges. Adjust hinges as necessary to ensure smooth operation and proper alignment.
2. Install the mortise lock into the designated recess in the door leaf.
3. Attach the lever handle set, ensuring it operates smoothly with the lock.
4. Insert the four-sided black seal into the frame groove.
5. Test the door for proper closing, latching, and sealing. Ensure there are no gaps when the door is closed.



Figure 5.1: The Hormann T30-H8-5/MZ fire door installed and open, showing the frame and door leaf.



Figure 5.2: Close-up of the black lever handle set on the Hormann fire door.



Figure 5.3: Detail of the robust hinges on the Hormann fire door.

## 6. OPERATION

The Hormann T30-H8-5/MZ fire door operates like a standard hinged door. To open, depress the lever handle and pull or push the door. To close, gently push the door until it latches securely. Ensure the door closes completely and the latch engages to maintain its fire-resistant properties.

- Always ensure the door is fully closed and latched when not in use, especially in areas requiring fire protection.
- Do not obstruct the door's closing path with objects.
- Avoid forcing the door open or closed if resistance is met. Investigate the cause of obstruction.



Figure 6.1: The Hormann fire door in a closed position, ready to provide fire protection.



Figure 6.2: Example of a Hormann fire door installed in a utility room setting.

## 7. MAINTENANCE

Regular maintenance is crucial to ensure the long-term functionality and fire-resistant properties of your Hormann T30-H8-5/MZ fire door.

- **Cleaning:** Clean the door surface and frame with a mild detergent and soft cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Hinges:** Periodically check hinges for wear and tear. Lubricate with a suitable lubricant if squeaking or stiffness occurs.
- **Seals:** Inspect the four-sided seal for any damage, cracks, or compression that could compromise its fire-retardant function. Replace damaged seals immediately.
- **Lock and Handle:** Ensure the lock mechanism operates smoothly. Lubricate the lock cylinder if necessary. Check

the handle for any looseness and tighten screws if required.

- **General Inspection:** Annually inspect the entire door assembly for any signs of damage, corrosion, or deformation. Any issues should be addressed promptly by a qualified professional.

## 8. TROUBLESHOOTING

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This section addresses common issues you might encounter with your fire door.

### 8.1 Door Does Not Close Properly

- **Obstruction:** Check for any objects blocking the door's path or the frame.
- **Hinge Alignment:** Hinges may be misaligned. Adjust hinges to ensure the door swings freely and closes squarely within the frame.
- **Frame Issues:** The frame might have shifted or settled. Re-check the frame's plumb and level.
- **Seal Damage:** A damaged or improperly seated seal can prevent full closure. Inspect and replace if necessary.

### 8.2 Handle or Lock Stiffness

- **Lubrication:** Apply a suitable lubricant to the lock mechanism and handle components.
- **Debris:** Check for any debris or foreign objects in the lock or handle assembly.
- **Wear:** If lubrication does not resolve the issue, the lock or handle components may be worn and require replacement.

### 8.3 Squeaking Hinges

- **Lubrication:** Apply a silicone-based or general-purpose lubricant to the hinge pins.
- **Tightness:** Ensure hinge screws are tight.

## 9. WARRANTY AND SUPPORT

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For specific warranty information regarding your Hormann T30-H8-5/MZ fire door, please refer to the documentation provided at the time of purchase or contact your seller. Warranty terms typically cover manufacturing defects under normal use.

Information regarding the availability of spare parts is not directly provided with this product. For spare parts or technical support, please contact the manufacturer, Hormann, or your authorized dealer. When contacting support, please have your model number (T30-H8-5/MZ) and manufacturer reference (341010) available.