CARBON®
CRAFT

DEEWAAR

INSTALLATION GUIDE

DEEWAAR

INSTALLATION GUIDE

CONTENT

1. Receiving and Inspecting the Tiles

1.1 Unpacking and Initial Inspection
1.2 Dimensional Check
1.3 Moisture and Surface Quality Check

2. Storing and Handling Tiles
(If Installation is Delayed)

2.1 Storage Conditions
2.2 Stacking Guidelines
2.3 Handling Precautions

3. Preparing for Tile Installation

3.1 Surface Preparation
3.2 Adhesive Selection
3.3 Mixing the Adhesive

4. Tile Installation

4.1 Applying Adhesive
4.2 Laying Tiles
4.3 Cutting Tiles

5. Grouting and Finishing

5.1 Selecting the Grout
5.2 Grout Application

6. Post-Installation Maintenance

6.1 Daily Cleaning
6.2 Stain Removal
6.3 Long-Term Maintenance

7. Important

Do’s
Don’ts

1. Receiving & Inspecting the Tiles

1.1 Unpacking and Initial Inspection

- Carefully unpack the tiles from the packaging check for visible damage such as cracks, chips, or breakages.
- Verify the quantity of tiles as per the order Inspect the color and texture consistency across multiple tiles.
- If any Damages found, please revert back to us within 5 days from delivery.

1.2 Dimensional Check

- Measure a few random tiles to confirm uniformity in size and thickness.
- Allowable tolerance: ±2mm in size and ±1mm in thickness.

1.3 Moisture and Surface Quality

- Ensure tiles are dry before installation.
- Check for any surface patches, efflorescence, or discoloration.
- Wipe the tiles with a damp cloth to remove any residual dust or particles.

2. Storing and Handling Tiles

(If Installation is Delayed)

2.1 Storage Conditions

- Store tiles in a dry, covered, & well-ventilated area.
- Avoid direct exposure to sunlight and moisture.
- Keep tiles off the ground by placing them on wooden pallets.

2.2 Stacking Guidelines

- Stack tiles horizontally in a stable pile, ensuring they do not exceed 1 meter in height.
- Use spacers between stacks to prevent edge damage.
- Avoid placing heavy loads on top of stacked tiles.

2.3 Handling Precautions

- Lift tiles individually rather than dragging them to avoid scratches.
- Handle with care to prevent chipping or breakage.

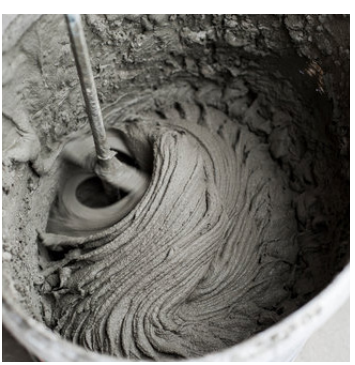
3. Preparing for Tile Installation

3.1 Surface Preparation

- The surface must be clean, dry, and free from dust, grease, or loose particles.
- Ensure the wall surface is level; any unevenness should be corrected with a leveling compound.
- For high moisture areas, apply a waterproofing membrane before installation.

3.2 Adhesive Selection

- Use a high-performance polymer-modified tile adhesive suitable for heavy wall tiles with recommended adhesive thickness 3-5mm.
- Choose adhesives based on substrate type:
  - **Cement walls**: Compatable with both cement & epoxy based tile adhesion.
  - **Drywall / plywood**: Flexible epoxy or PU-based for better bonding.



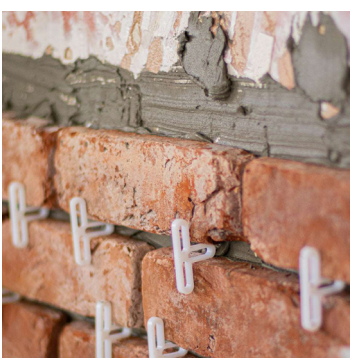
3.3 Mixing the Adhesive

- Mix the adhesive as per the manufacturer's recommendations.
- Let the mixture rest for 5–10 minutes before application.

4. Tile Installation Process

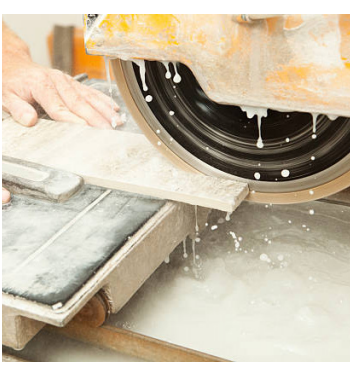
4.1 Applying the Adhesive

- Use a notched trowel (6mm to 10mm) to spread the adhesive evenly on the wall.
- Apply adhesive on the back of the tile (back buttering) for better adhesion.



4.2 Laying the Tiles

- Start from the bottom and work upwards pressing the tile firmly against the wall and slide slightly for proper adhesion.
- Maintain a uniform grout gap using tile spacers **(recommended grout joint: 5-10mm).**
- Check alignment periodically using a leveller.



4.3 Cutting Tiles

- Use a wet tile cutter or angle grinder for precise cuts.
- Wear safety gear while cutting to avoid injuries

5. Grouting and Finishing

5.1 Selecting the Grout

- Compatable with both cement & epoxy based grouting.
- Recommended grout joint width: 3-7mm.

5.2 Grout Application

- Allow the adhesive to cure for at least 24 hours before grouting use a rubber float to apply grout into the joints at a 45-degree angle.
- Wipe excess grout with a damp sponge before it hardens.
- Allow grout to set for 24 hours before final cleaning.

6. Post-Installation Maintenance

6.1 Regular Cleaning

- Wipe with a soft, damp cloth to remove dust.
- Use a pH-neutral cleaner for deeper cleaning.

6.2 Stain Removal

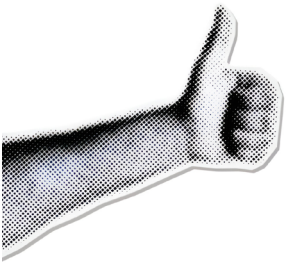
- For tough stains, use a mild detergent with a soft brush.
- Avoid acidic or harsh cleaners as they may affect the finish.

6.3 Long-Term Maintenance

- Check grout lines periodically for cracks and repair if necessary.
- Reapply sealer every 1-2 years in exposed areas.
- Avoid direct impact to prevent chipping or cracking.

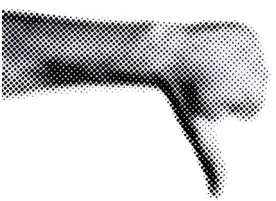
CARBON® CRAFT

7. Important Do’s and Don’ts



Do’s :

- Store tiles in a dry, covered space before installation.
- Use the right adhesive and grout for the given substrate.
- Maintain recommended adhesive thickness (3-5mm) and grout width (5-10mm).
- Follow adhesive and grout curing times strictly as per materials used.
- Ensure proper expansion joints for large wall areas.

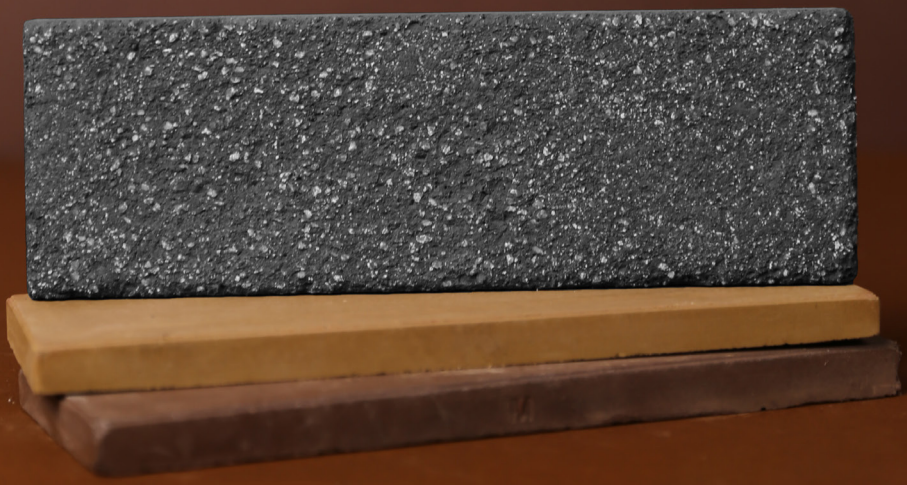


Don’ts :

- Do not soak the tiles in water before installation.
- Avoid using abrasive cleaners that can damage the surface.
- Do not install on uneven or unstable walls without prior preparation.
- Do not walk on freshly installed tiles before the adhesive sets.

The above guidelines are intended to serve as a reference framework to help understand the recommended process for installing Deewar wall cladding tiles. Actual installation practices may vary depending on site conditions, installer expertise, and project-specific requirements. We recommend that installation be carried out by experienced and qualified professionals to ensure the best results. Deewar and its affiliates provide these instructions as general guidance and shall not be held liable for improper installation or site-specific challenges. Always follow local codes, best practices, and adhesive manufacturer recommendations where applicable. For any project-specific concerns, please consult with a certified installation specialist or reach out to our technical support team for assistance.

Scan to learn more!



+91 9920380340 business@carboncraftdesign.com carboncraftdesign.com