

# Porcelain Mosaic Tile Installation Guide - Disclaimer and Recommendations

## Disclaimer:

This guide provides general recommendations for installing porcelain mosaic tiles. Due to variations in materials and project specifics, this information should not be considered a substitute for professional guidance. **Kent Global Madencilik Dış Tic. Ltd. Şti.** is not liable for any damages arising from the use of this information.

We strongly recommend consulting a qualified professional installer for all porcelain mosaic tile projects. They can assess your specific project requirements, substrate suitability, and recommend the most appropriate installation methods and materials.

## Before You Begin:

- **Read and understand the manufacturer's installation instructions** for the specific porcelain mosaic tile you are using. These instructions may differ from the general recommendations provided here.
- **Inspect the tiles** for any cracks, chips, or other imperfections before installation. Damaged tiles should be replaced.
- **Gather the necessary tools and materials.** This may include a notched trowel, tile adhesive appropriate for porcelain tiles, grout suitable for the type of tile, tile spacers, grout float, utility knife, sponges, buckets, safety glasses, respirators, and knee pads.
- **Ensure your work area is clean, dry, and free of debris.**
- **Acclimatize the tiles** to the room temperature for at least 24 hours before installation.

## Surface Preparation:

- The installation surface must be **flat, level, clean, dry, and structurally sound.** Uneven surfaces can lead to uneven tile placement and potential cracking.
- **Highly absorbent surfaces** may require a primer to ensure proper adhesion.
- **Existing flooring materials** may need to be removed depending on the project and the manufacturer's recommendations.

## Thinset Mortar Application:

1. **Mix the thinset mortar** according to the manufacturer's instructions. It should have a smooth, creamy consistency.
2. **Spread the thinset mortar** onto the prepared surface using a notched trowel. The trowel notch size should be appropriate for the size of your mosaic tiles.
3. **Apply a thin, even layer** of thinset mortar to an area slightly larger than the mosaic sheet you will be installing.

## Porcelain Mosaic Tile Installation:

1. **Carefully place the mosaic sheet** onto the thinset mortar bed, starting from one corner and working your way outwards.
2. **Press the mosaic sheet firmly** into the thinset mortar to ensure good adhesion.
3. **Use a tapping block** (a small piece of wood or rubber) to gently tap the mosaic sheet to ensure even placement.
4. **Maintain a consistent grout joint width** between mosaic sheets using tile spacers.

5. **Continue laying mosaic sheets** in this manner, working your way across the installation area.

#### **Cutting Porcelain Mosaic Tiles (if necessary):**

- Use a **wet saw** equipped with a diamond blade specifically designed for cutting porcelain tiles.
- **Wear safety glasses and a respirator** when cutting porcelain tiles.
- **Score and snap** the mosaic sheet along the desired cutting line for small adjustments.

#### **Grouting:**

1. **Allow the thinset mortar to cure completely** according to the manufacturer's instructions before grouting.
2. **Mix the grout** according to the manufacturer's recommendations.
3. **Apply the grout** diagonally across the mosaic sheet using a grout float, filling the joints completely.
4. **Remove excess grout** from the tile surface with a damp sponge, working diagonally across the tiles. Rinse the sponge frequently.
5. **Buff the tile surface** with a clean, dry cloth to remove any grout haze.

#### **Cleaning:**

- Use a **mild, pH-neutral cleaning solution** specifically designed for porcelain tiles. Avoid harsh chemicals or abrasive cleaners.

#### **Additional Considerations:**

- **Porcelain mosaics may require ongoing cleaning** to maintain their beauty.
- **Consult the manufacturer's recommendations** for specific cleaning practices.

#### **Remember:**

This guide is for informational purposes only. For the best results and to ensure a safe and successful installation, **consult a qualified professional installer.**