

# POOLFLEX

## 1062

## Technical Data Sheet

High-Performance  
Flexible Cement-Based  
Adhesive for Pools & Wet  
Areas



**Contact:**

Phone : +9647500700015  
info@hiti-krd.com  
www.hiti-krd.com

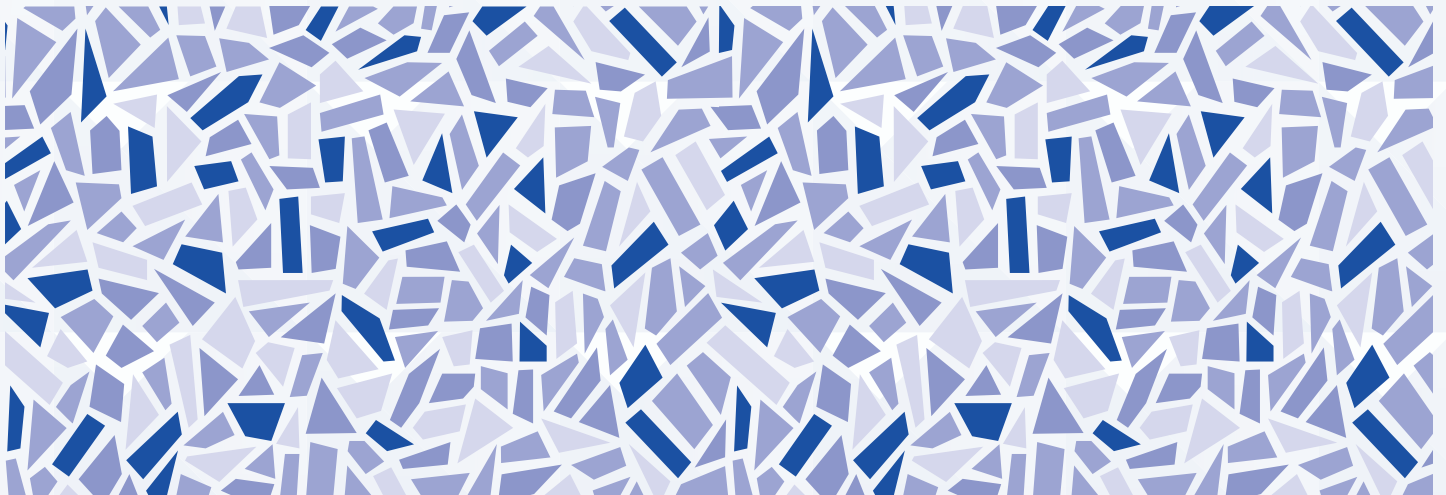
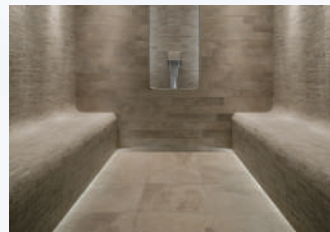
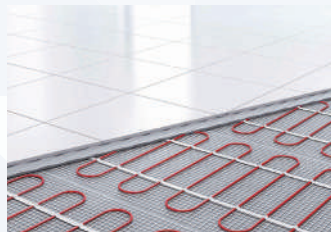
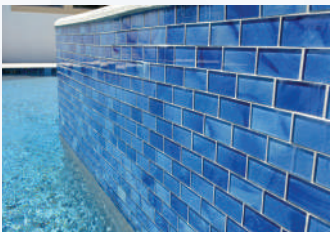
# Product Description

**HITI POOLFLEX 1062** is a premium, highly flexible, water-resistant, cementitious tile adhesive with extended open time and reduced slip, designed to provide excellent adhesion and contribute to waterproofing.

Suitable for bonding ceramic tiles, porcelain, natural stone, and mosaics—even under challenging conditions such as immersion in water and thermal stress.

## Areas of Use

- Interior & exterior floors and walls for all sizes and types of ceramic, porcelain, natural stone, marble, and granite.
- Swimming pools, water tanks, Kurdish baths, spas, and other continuously wet environments.
- Bonding glass mosaics and decorative tiles in submerged conditions.
- Installation over existing tile, marble, or granite surfaces.
- Areas subject to sudden temperature changes (e.g., cold storage, heated floors).
- High-traffic zones such as shopping centers, hospitals, airports, and schools.



## Key Features & Advantages

- Excellent adhesion on multiple substrates.
- High deformability – resists cracking due to movement or temperature variation.
- Water-resistant and suitable for submerged applications.
- Extended open time for easier large-area installation.
- No sagging – ideal for vertical applications and large-format tiles.
- Smooth, creamy consistency for easy troweling.

## Mixing Instructions

- Pour the required amount of clean water into a mixing container (see Technical Data Table).
- Gradually add **HITI POOLFLEX 1062** powder while stirring with a low-speed mixer until a smooth, lump-free paste forms (at least 3minutes).
- Allow the mix to rest for 5 minutes, then remix briefly before use.
- Do not add extra water or unauthorized additives.

## Surface Preparation

- Substrates must be clean, sound, and dry, free from oil, grease, dust, or loose material.
- Cement-based surfaces must be fully cured. Remove any weak plaster, laitance, or contaminants.
- Lightly moisten highly absorbent surfaces before applying.
- Correct uneven areas using a suitable repair mortar (e.g., HITI REPAIR series) before tiling.
- Prime as needed according to substrate absorbency.
- For dusty tile backs, wipe with a damp cloth before fixing.

## Application

- Spread adhesive using a notched trowel suitable for the tile size.
- First, apply a thin layer with the flat edge, then comb with the notched side.
- For tiles larger than 40×40 cm, for installation over existing tiles, or in extreme conditions, also butter the tile backs (double-spread method).
- Install tiles within the open time using firm pressure.
- Avoid working under direct sunlight, high wind, or extreme temperatures.



## After Installation

- Protect freshly tiled areas from water, frost, and strong sunlight for at least 24 hours.
- **Grouting:**
  - Walls: after 16 hours
  - Floors: after 24 hours
- Allow at least 24 hours before light foot traffic; longer in cold or damp conditions.
- Do not apply in rainy weather; protect the surface for the first 24 hours.

## Packaging

25 kg multi-ply paper bags.

## Standards & Certification

Conforms to EN 12004: 2007 +A1:2012

Classification: C2TE S2

- **C2:** Improved cementitious adhesive
- **T:** Reduced slip
- **E:** Extended open time
- **S2:** Highly deformable

## Health & Safety

- Contains cement, which is alkaline when mixed with water and may irritate skin, eyes, and respiratory system.
- Use protective gloves, goggles, and masks during application.

## Storage & Shelf Life

- Store in original, unopened packaging in a dry, cool, and well-ventilated place between +5 °C and +35 °C.
- Protect from moisture, frost, and direct sunlight.
- Maximum stacking: 10 bags high.
- Shelf life: 12 months under recommended storage conditions



## Technical Data (at +23 °C and %50 RH)

Property	Value
Appearance	Grey or White powder
Mixing Ratio	5.75–6.25 L water / 25 kg (Grey) 6.25–6.75 L water / 25 kg (White)
Pot Life	~6 hours
Open Time	≥30 minutes
Consumption	3–5 kg/m <sup>2</sup>
Grouting Time	Walls: 16 h Floors: 24 h
Slip	≤0.5 mm
Tensile Adhesion Strength	Initial (28 days): ≥1 N/mm <sup>2</sup> After heat: ≥1 N/mm <sup>2</sup> After immersion: ≥1 N/mm <sup>2</sup> After freeze–thaw: ≥1 N/mm <sup>2</sup>
Deformability	≥5 mm (S2 – Highly deformable)

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