



One easy step to zip tiles tight

Innovative back tile adhesive solution
for double security

Acronal[®] 7808

Sophisticated interior design with ceramic tiles

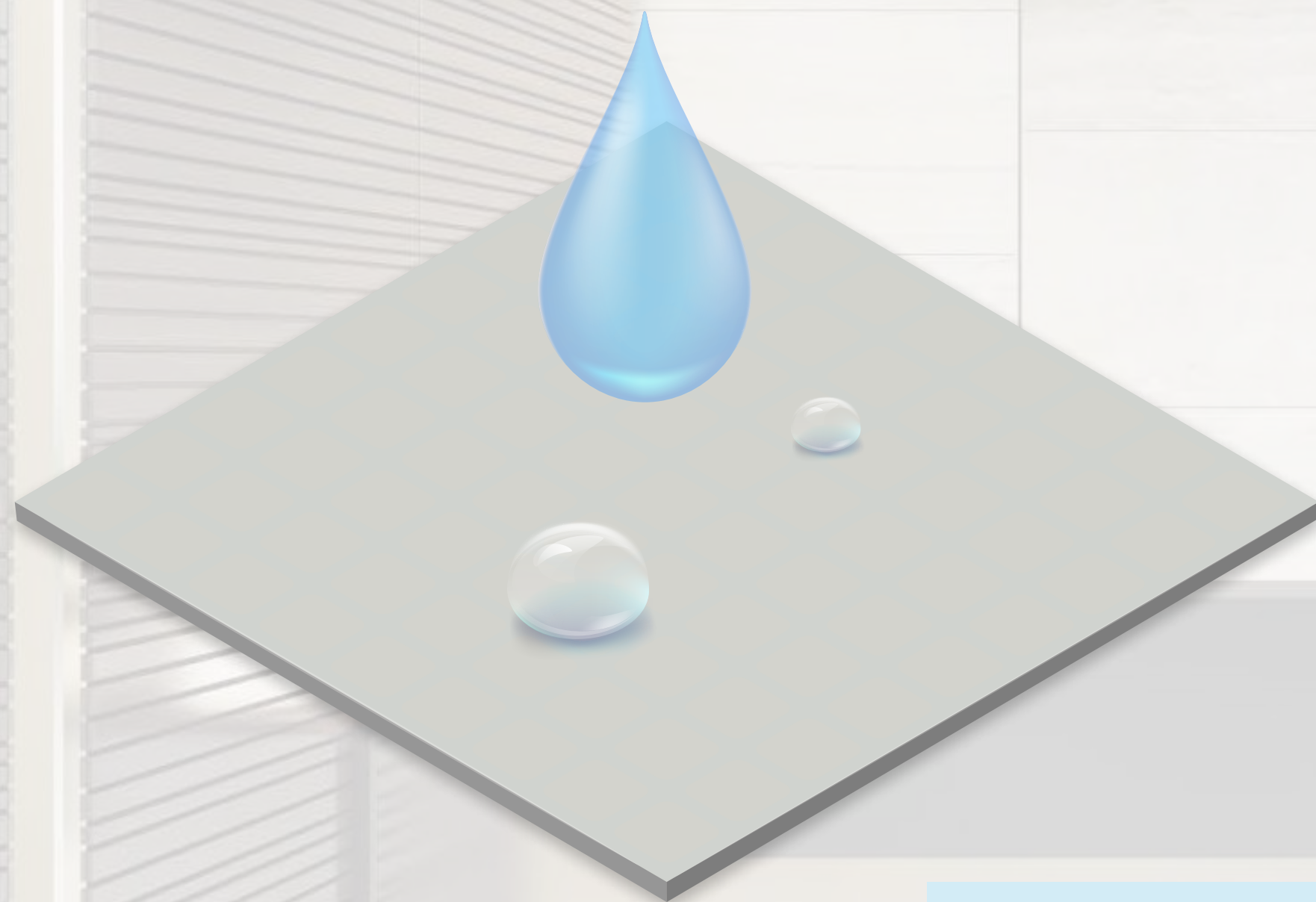
Ceramic tiles are commonly applied in various building areas to achieve aesthetically pleasing and comfortable environments.

The tiles must be applied tightly in the first place to avoid future detachment. However, the increasing use of large porcelain tiles poses a challenge to long-lasting tile installations.



Large porcelain tiles create a higher risk of detachment

 Low water absorbency



 Heavy weight



Although large porcelain tiles are growing popular for aesthetic reasons, they come with several shortcomings.

Large porcelain tiles are less water absorbent and much heavier than traditional tiles, presenting a higher risk of detachment. Additionally, the installation cost are higher and thus necessitate secure installation from the beginning.

What are the reasons for higher risk in tile detachment?

*Photos are for reference only

Factors that contribute to tile detachment

Multiple environmental factors



Temperature variation

- 🕒 Daily temperature change
- 📅 Seasonal temperature change
- 🔥 Exposure to high heat



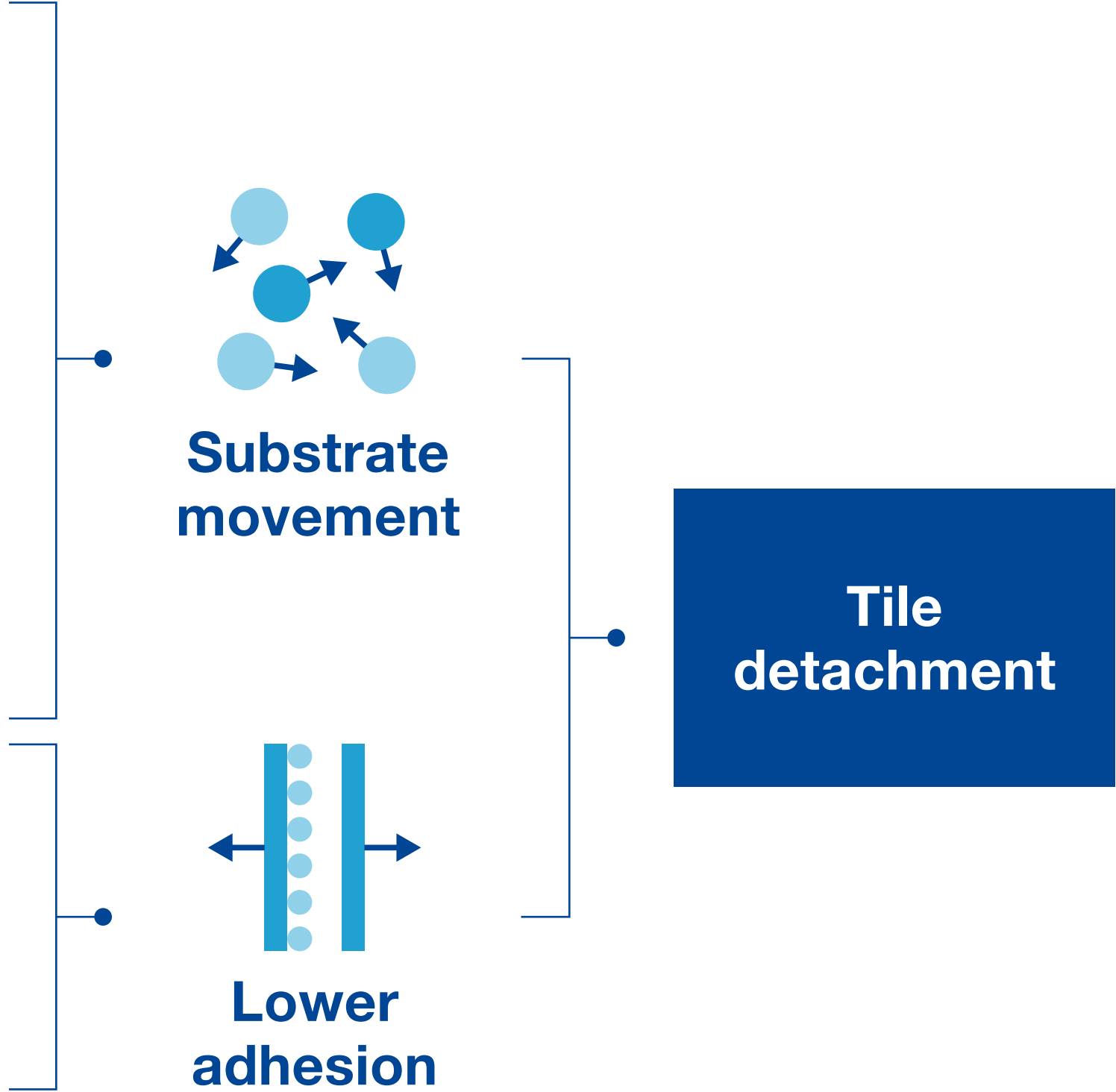
Vibration

- 🏢 Elevator
- 🏠 Staircase



Contact with water

- 💧 High humidity



Consequences of tile detachment

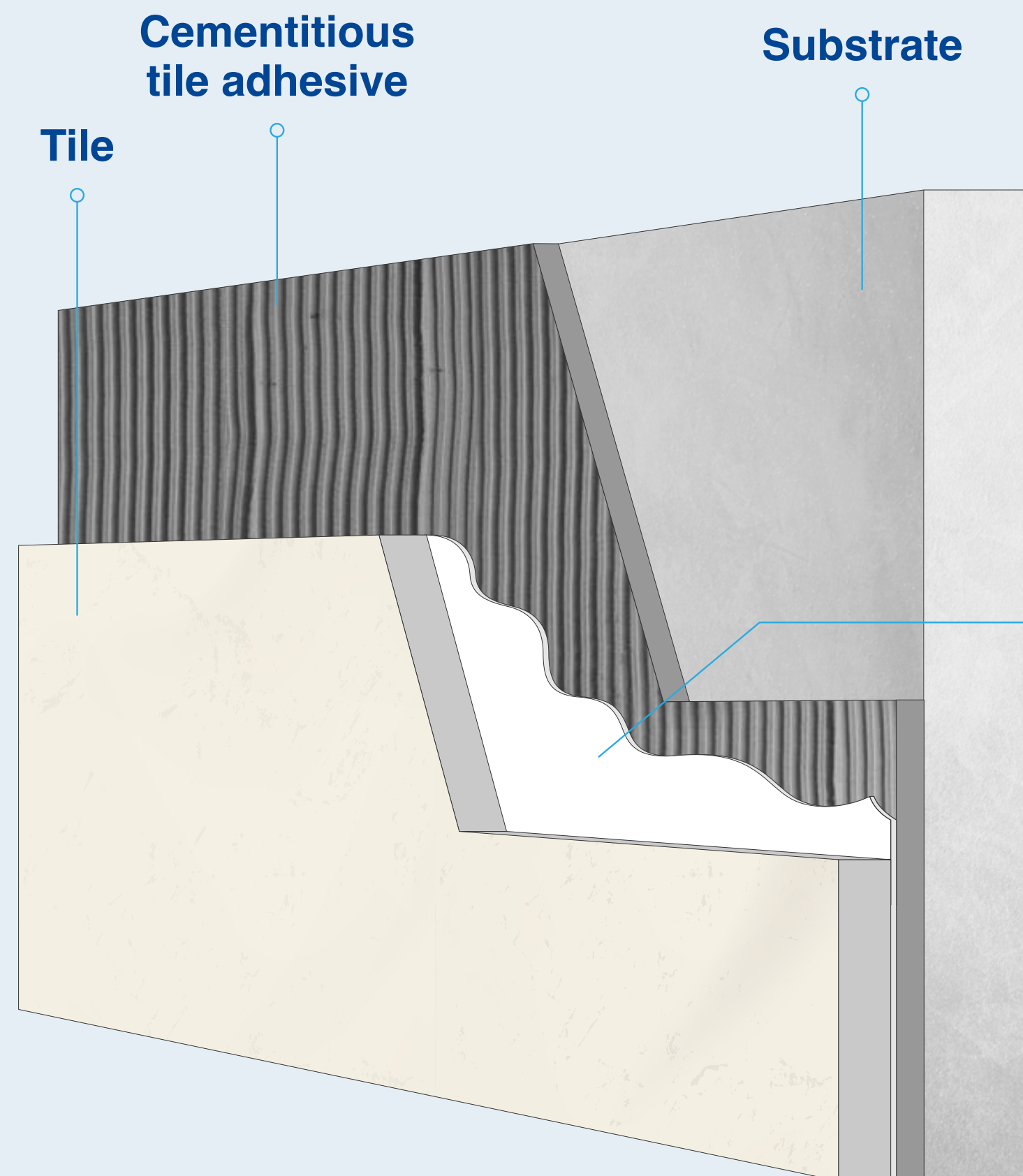
Falling tiles present **the danger of personal injury** to passers-by. Any subsequent repairs to the tiles also **incur unexpected and expensive renovations.**



A secure tile installation solution is vital to prevent large porcelain tile detachment. Back tile adhesive is a new solution to tackle this issue.

Acronal® 7808 - A powerful back tile adhesive solution

A single thin layer of back tile adhesive can improve the tensile adhesion strength. Compared to the traditional thick-bed method, it reduces the usage of cementitious tile adhesive which shortens installation time and cost.



New solution – Back tile adhesive

- Acronal® 7808
- ⇄ High adhesion
- 📄 Less materials used
- 💰 Lower installation cost

New and improved solution with a single thin layer

Traditional thick-bed method

Substrate

Cementitious tile adhesive

Tile

Applying back tile adhesive

Substrate

Cementitious tile adhesive

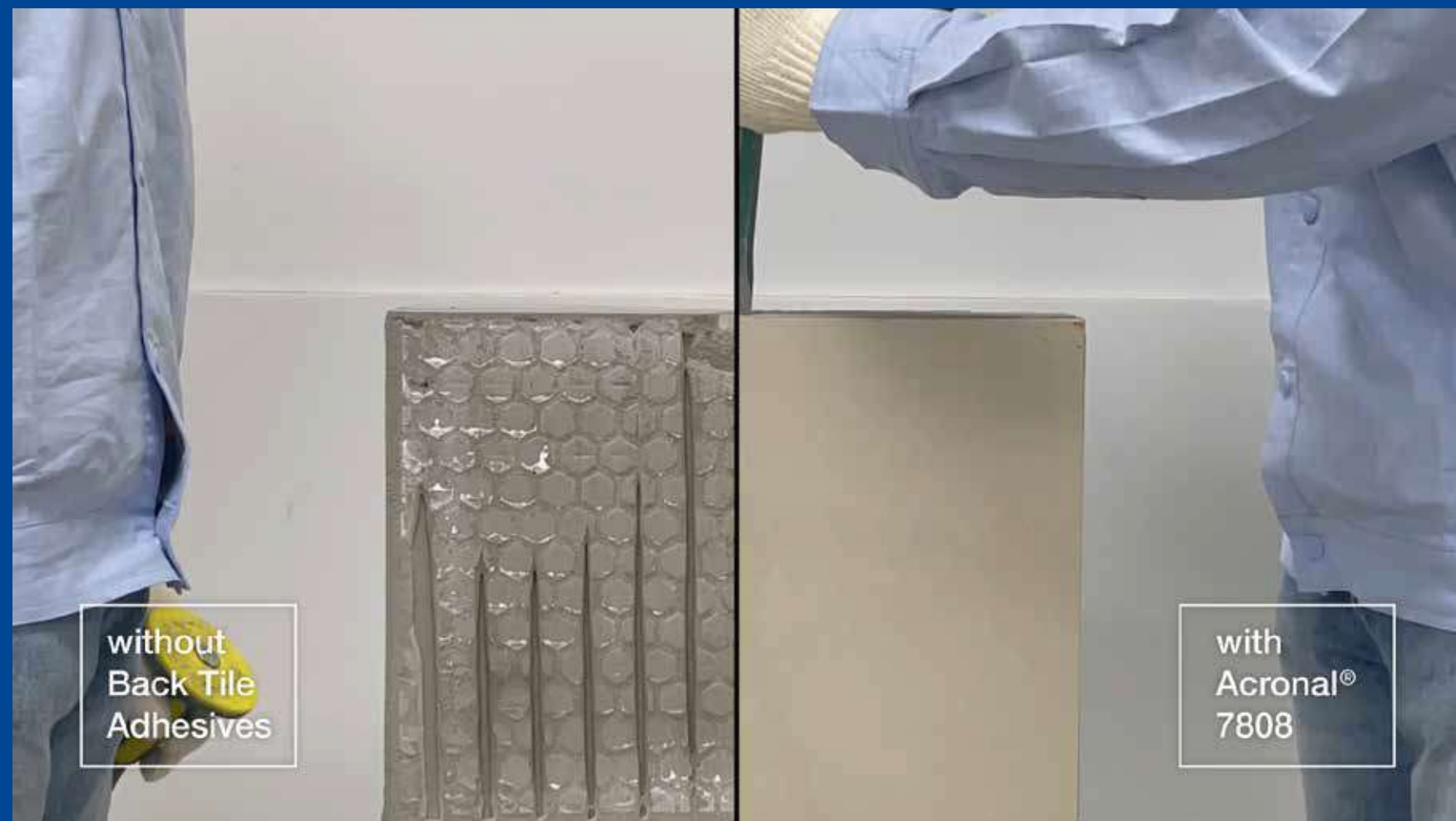
Tile

Acronal® 7808®

How does Acronal® 7808 enhance the impact resistance?

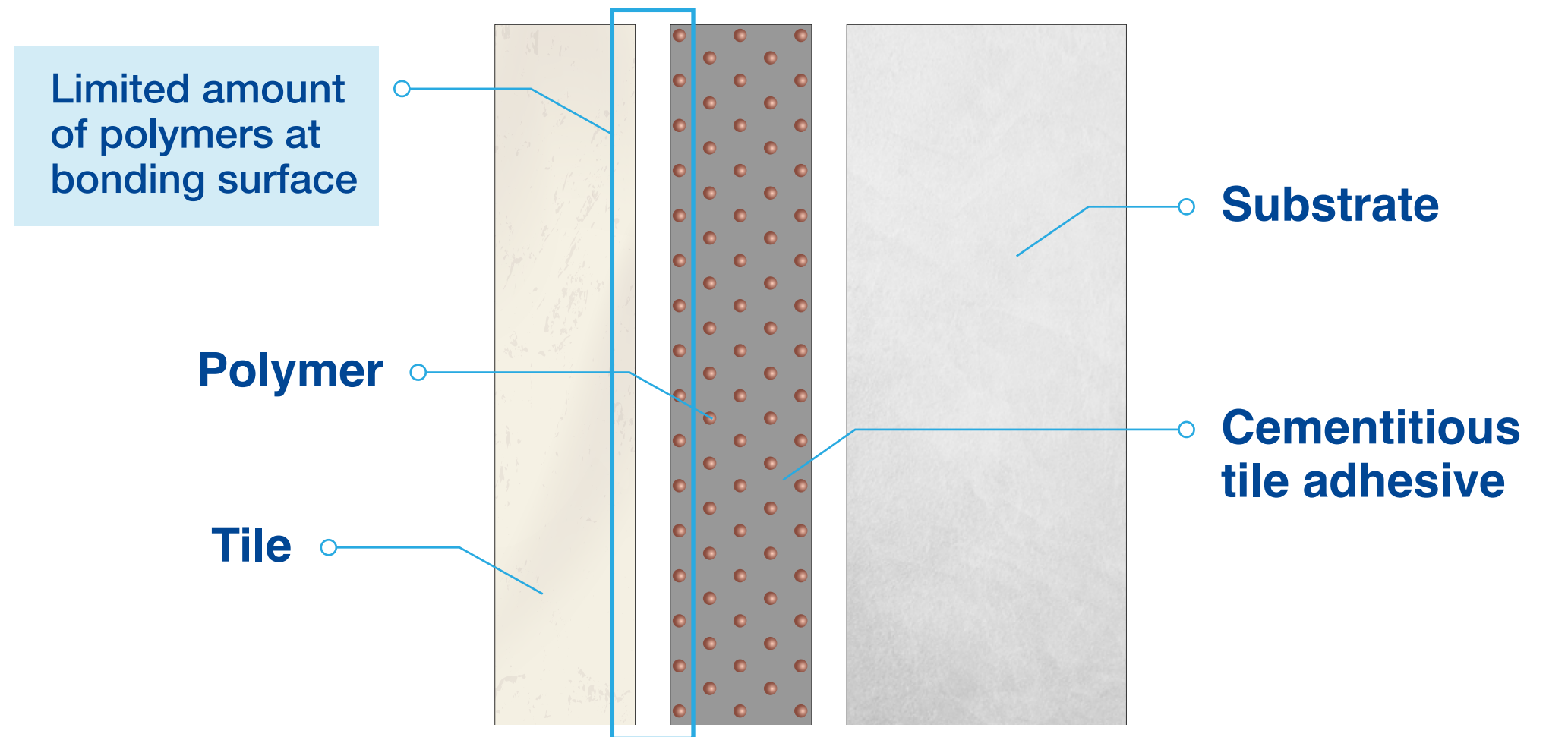
Polymers are the key to forming strong adhesion between different substrates. Adhesion depends on the amount of polymers between the substrate and tile.

Applying Acronal® 7808 on the back of tile increases the polymer concentration at the bonding surface between the tile and cementitious tile adhesive to ensure secure installation.

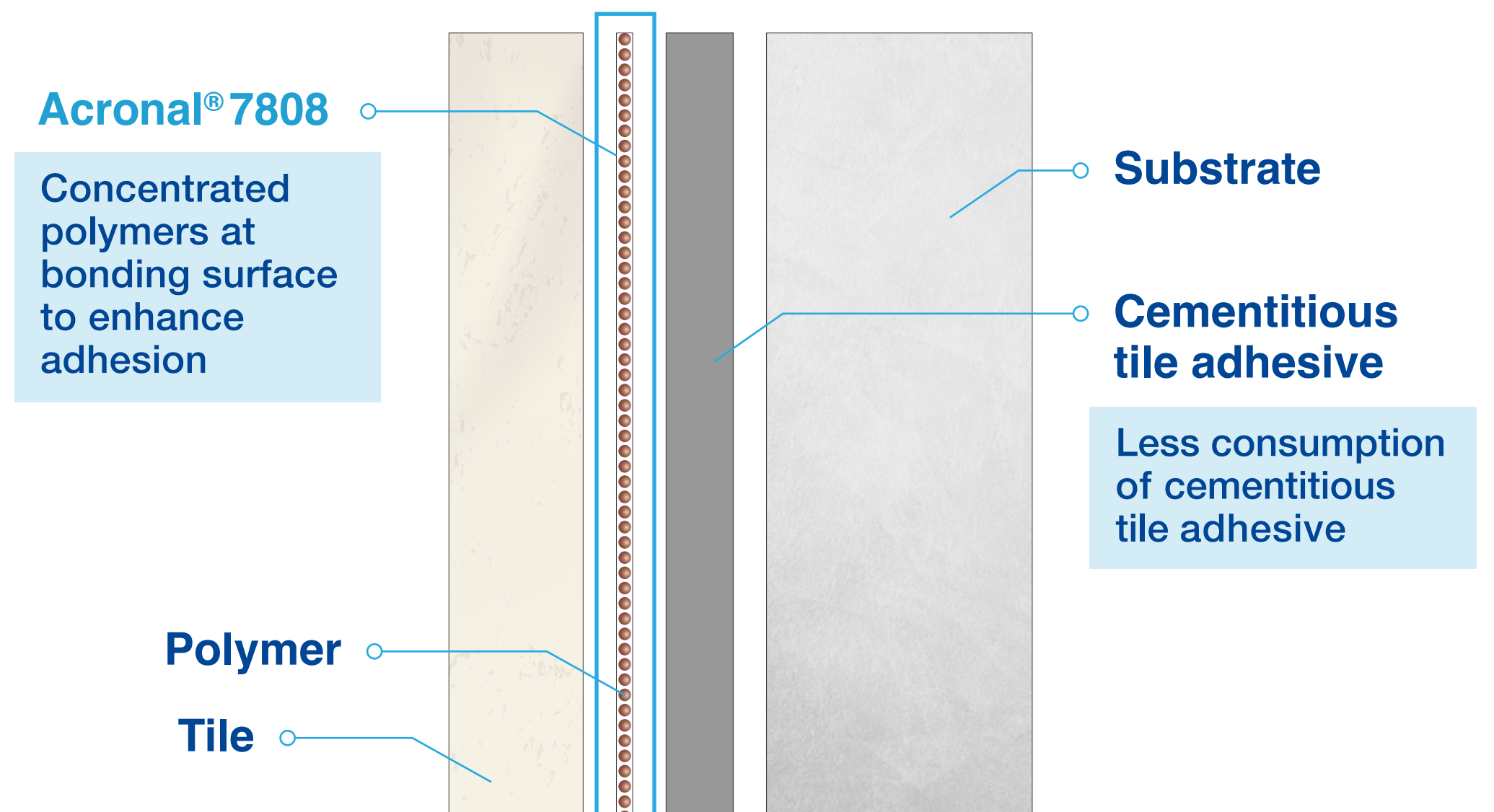


Scan the QR code to view a demonstration of Acronal® 7808's outstanding resistance against hammering

Traditional thick-bed method



New solution – Back tile adhesive

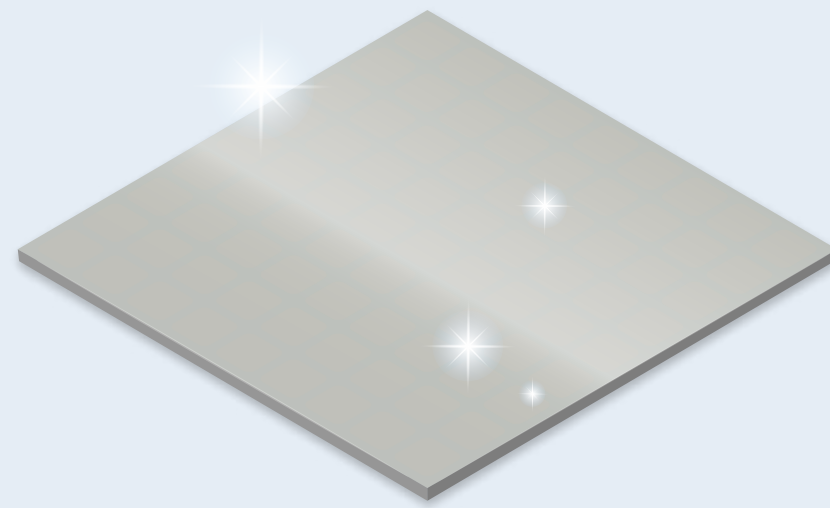


Easy application of Acronal® 7808

Acronal® 7808 is easily applied during tile installation. All it takes is “buttering” the back of tile before installation.

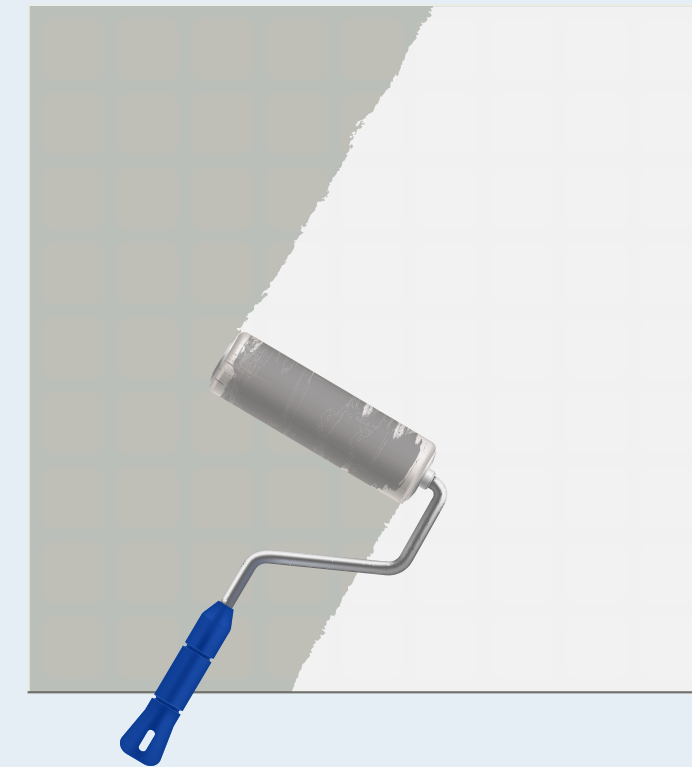
4 steps of Acronal® 7808 application

1



Clean the back surface of the tile

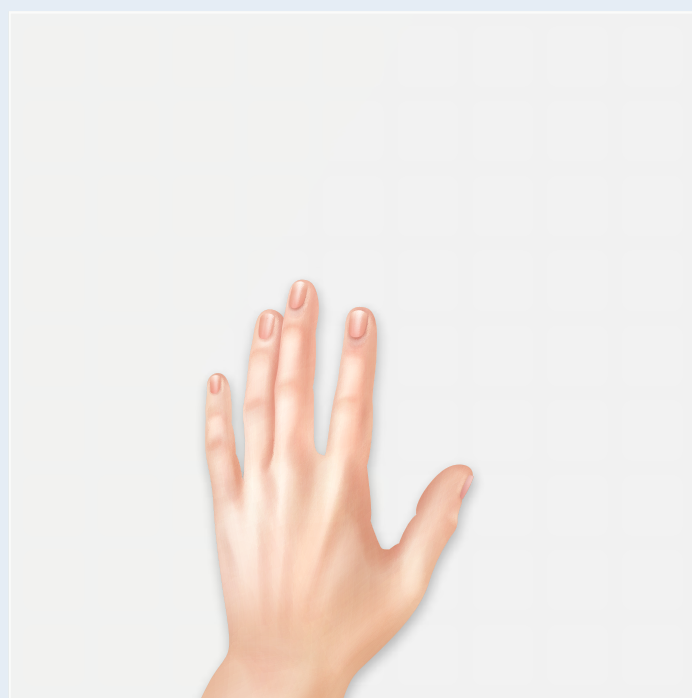
2



Apply Acronal® 7808 evenly on the back surface of the tile with a roller

✓ Recommend consumption 100-150 g/m²

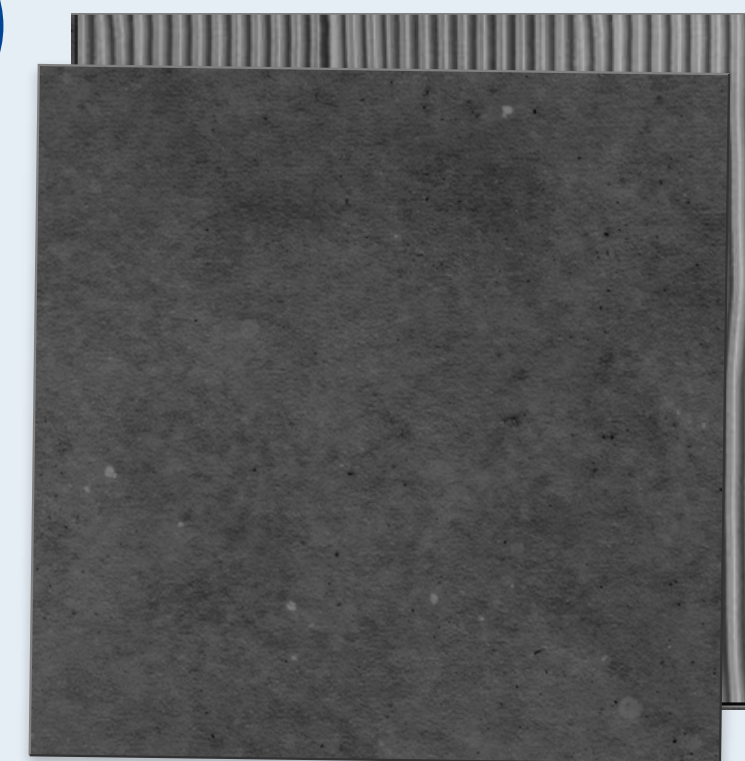
3



Wait until it is mostly dry. The adhesive will feel slightly tacky

✓ 30 minutes at room temperature

4



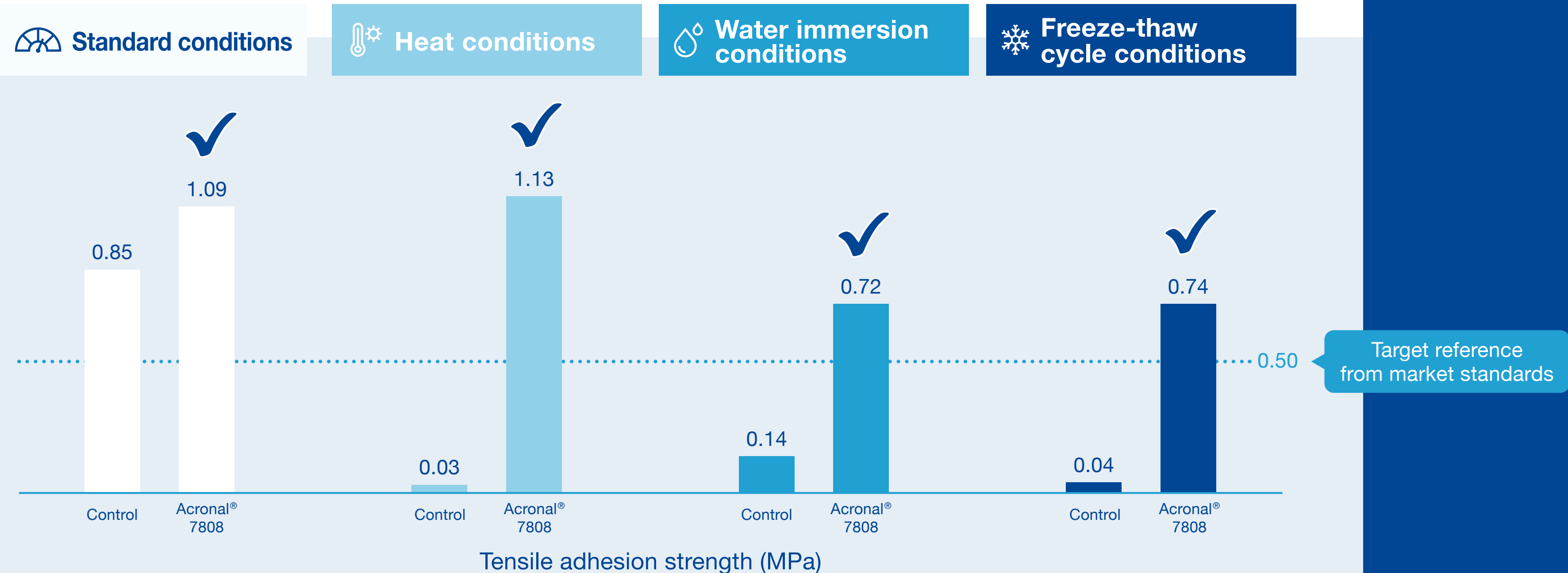
Attach the tile onto the surface of the wall adhesive firmly

Acronal® 7808 delivers outstanding adhesion performance under various critical environments

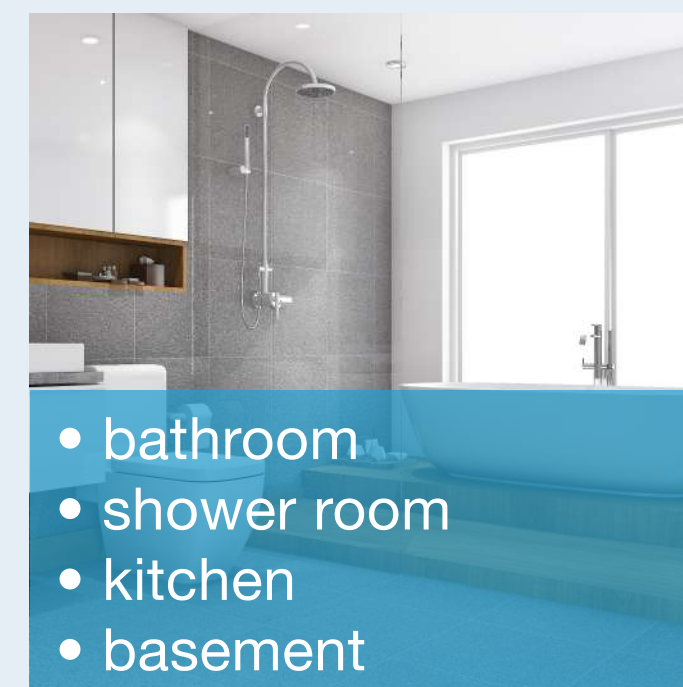
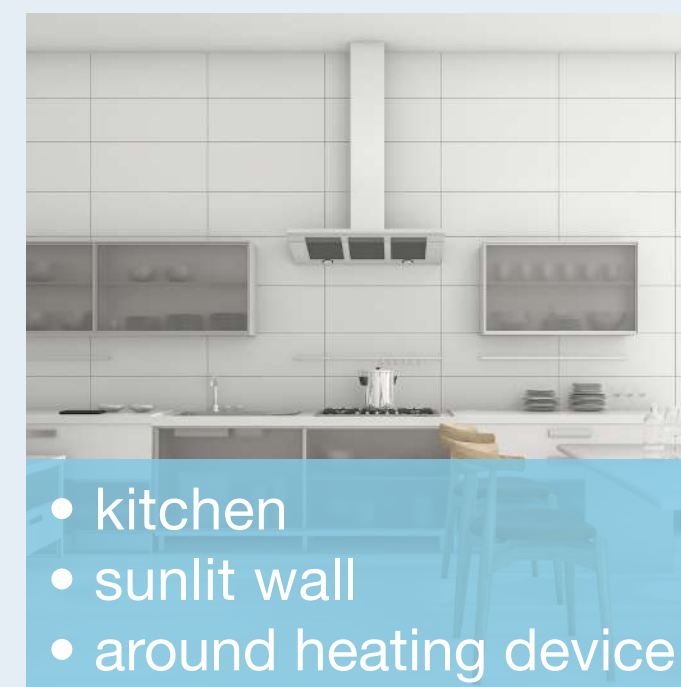
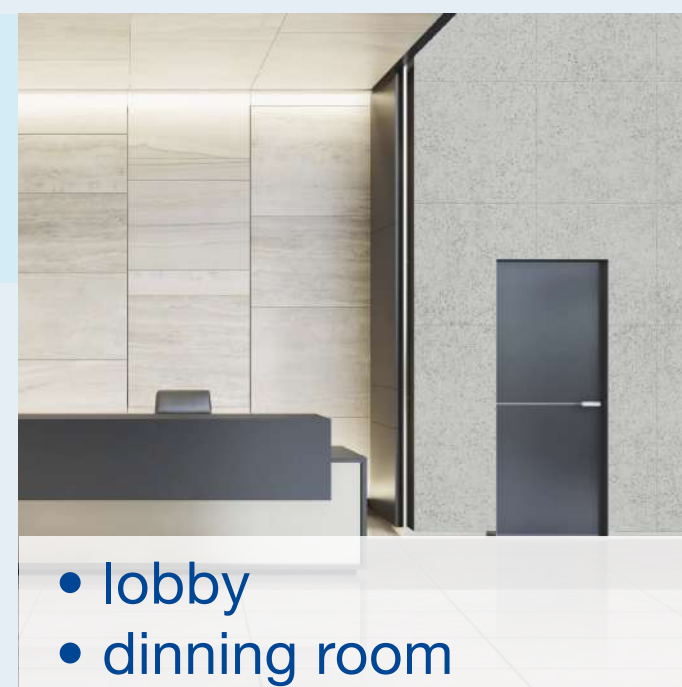
Under standard and extreme environmental conditions, Acronal® 7808 delivers higher adhesion performance against control without use of back tile adhesive.

Adhesion performance of tile with and without Acronal® 7808 under extreme conditions

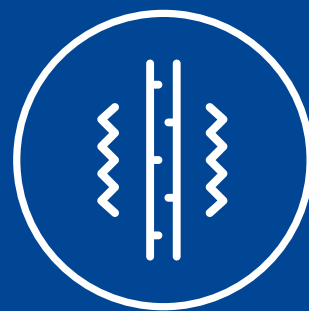
- Heat
- Water
- Freeze-thaw



Related areas in the building to the conditions



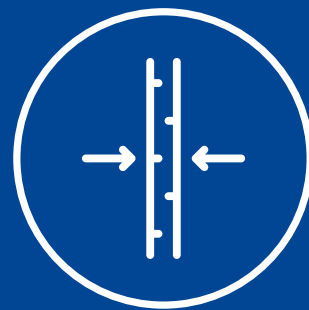
Key benefits of Acronal® 7808



Impact resistant

Higher resistance to vibration and impacts

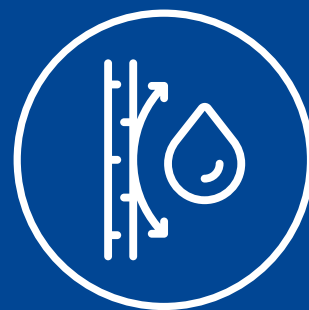
✓ Longer durability



Strong adhesion

Enhances adhesion in various conditions

✓ Less detachment



Water resistant

Higher resistance even in wet rooms and damp areas

✓ Wider range of usage



Easy formulation

Easily formulated into back tile adhesive

✓ Save time and cost



Eco-friendly

Free from APEO, ammonia, and formaldehyde

✓ Pleasant working environment and sustainable solution

**Acronal® 7808,
the perfect choice for you.**

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about Acronal® 7808:



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