



THE HOMEOWNER'S RESCUE GUIDE

# How to Remove Shower Glass Water Stains

*A practical, honest guide to cleaning hard water stains from your shower screen  
— using everyday household items, at the lowest possible cost.*

- ✓ The DIY cleaning method that actually works
- ✓ Honest assessment — what it can and cannot fix
- ✓ How to stop it from coming back

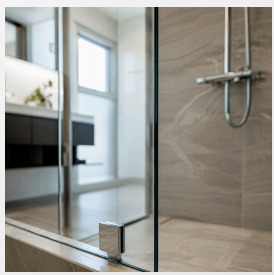
**WHO WROTE THIS**

**EnduroShield Malaysia** is the authorised distributor of the TÜV Rheinland-certified EnduroShield glass coating, a formulation used in over **50 countries since 2005**. Locally, we have helped Malaysian homes, hotels and developers protect **thousands of shower screens** from the very problem this guide addresses. We wrote this because not every customer needs our product — sometimes a RM10 spray bottle is all you need, and we would rather tell you that honestly.

**CHAPTER 1**

# Why Your Shower Glass Keeps Going White

Over time, every shower glass moves through the same four stages — from crystal clear to completely frosted. The question is: **where is yours right now?**

**CLEAR**

New install, or recently treated

**LIGHT SPOTTING**

Visible droplet marks

**CHALKY FILM**

This guide can still help

**FROSTED**

Likely permanent etching

## The Science, in Plain English

Malaysian tap water contains dissolved minerals — mainly **calcium and magnesium** — which are *alkaline*. Every time water evaporates on your glass, those minerals stay behind. Layer by layer, they build into hard water stains. Hot showers accelerate this: heat speeds up evaporation, which means more minerals left behind per session.

**QUICK SELF-TEST — BEFORE YOU TRY ANYTHING**

Run your fingertip across the dry stained area. **If it feels chalky or slightly rough** and the glass still has some transparency, you have surface stains and this guide can help. **If the glass looks completely frosted and feels smooth** — minerals have etched permanently into the glass. Skip ahead to Chapter 3.

CHAPTER 2

# The Acid-Base Method: Two Options

Water stains are alkaline. The fix is simple: use something acidic to neutralise and dissolve the minerals. Both options below cost **under RM10** and are available anywhere in Malaysia.



OPTION A

### White Vinegar + Dish Soap

Mix **1 part white vinegar + 1 part dish soap** in a spray bottle.

**Where to buy:** Look for **Cap Pisau** (Knife Brand) white vinegar + Mama Lemon or Sunlight dish soap. Available at Giant, Aeon, 99 Speedmart, or your nearest kedai runcit.

**Total cost: RM5-9**

MORE EFFECTIVE



OPTION B

### Citric Acid Powder

Dissolve **2 tablespoons citric acid powder** in **500ml warm water**.

**Where to buy:** Ask at the counter of Guardian, Watsons, or Caring Pharmacy for "*citric acid powder*". Also at baking supply shops (kedai barang kek), Shopee, and Lazada.

**Approx. RM5-10 / 200g**

## The Four-Step Method

- 1 SPRAY GENEROUSLY, TOP TO BOTTOM**  
Coat every stained area. The solution must stay *wet* to work.
- 2 LET IT SOAK — 15 TO 30 MINUTES**  
Light stains: 15 min. Heavy build-up: 25-30 min. Re-spray if it dries.
- 3 SCRUB GENTLY — NON-SCRATCH SPONGE**  
Circular motions. **Never steel wool** — it scratches permanently.
- 4 RINSE AND SQUEEGEE DRY IMMEDIATELY**  
Rinse top to bottom. Dry at once — air-drying restarts the cycle.

## CHAPTER 3

# What This Method Can (and Cannot) Do

We want to be upfront with you. This method works — but it has real limits. Knowing the difference saves you a wasted afternoon.

## WILL WORK IF...

- ✓ Glass still has some transparency
- ✓ Stains feel chalky to the touch
- ✓ Neglected less than 4–5 years
- ✓ Some improvement after a test wipe

## WON'T FIX...

- ✗ Completely frosted or milky glass
- ✗ Stains that feel like the glass itself
- ✗ 5+ years of heavy build-up
- ✗ Zero improvement after scrubbing

### WHEN THE DAMAGE IS PERMANENT

If stains cannot move even with firm scrubbing — minerals have **etched permanently into the glass structure**. No household cleaner can reverse this. Your only options are **professional glass polishing (RM400–700+)** or glass replacement. Honestly: if your glass has reached this stage, this guide cannot save it. Don't waste an afternoon trying.

*"Once minerals penetrate the glass texture, you are no longer dealing with a cleaning problem — it becomes a glass restoration problem."*

ENDUROSHIELD TECHNICAL TEAM

CHAPTER 4

# Stop It From Coming Back

Cleaning is reactive. Prevention is smarter. Once your glass is clean, keeping it clear comes down to **three small habits** — and the discipline to actually keep them up.

## Your 12-month maintenance tracker

Print this page, stick it inside your bathroom cabinet, and tick each box as you go. It is the simplest way to stay honest — and to catch the exact month you start slipping.

Month	Daily Squeegee after each shower	Weekly Quick vinegar / citric wipe	Monthly Full citric-acid treatment	Glass still crystal clear?
January	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
February	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
March	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
April	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
May	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
June	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
July	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
August	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
September	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
October	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
November	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
December	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Three ticks a month keeps water stains away. Miss a column for two months running, and the chalky film starts creeping back into the corners.

THE HONEST SHORTCUT

# Or skip the whole routine entirely.

That tracker works — *if* you never miss. But after 3 months most people skip the squeegee, and by month 6 it is back under the sink. **There is a way to make water stains a non-issue — without relying on daily discipline at all.**



THE PERMANENT SOLUTION

## Coat the glass once. Stop the cycle for years.

**EnduroShield** is a nano-coating that permanently bonds to glass at the molecular level. Water beads off instantly. Minerals cannot attach. **TÜV Rheinland certified.** Used in 50+ countries.



**90% LESS CLEANING**

A quick wipe replaces every scrubbing session.



**TÜV CERTIFIED**

German-lab tested for 10-year durability.



**MOLECULAR BOND**

Cannot peel, crack or flake. Ever.



**3-YEAR WARRANTY**

30-day money-back. Free MY shipping.

Bathroom DIY Kit — **from RM218**

Covers 1 master bath shower screen (up to 5m<sup>2</sup>) · 10-min DIY application · 3-year protection

[VIEW KIT >](#)

WHERE TO GO FROM HERE

# Pick the path that matches your glass.

Not everyone reading this guide is in the same situation. Find yours below — your next step depends on it.



**PATH A**

**My bathroom is brand new (or just renovated)**

Your glass is still clear. The smartest thing you can do *right now* is coat it before the first mineral layer forms — not wait until you are scrubbing.

**Next: Bathroom DIY Kit — 10 min, lasts 3 years.**



**PATH B**

**My glass has stains but I can still see through it**

Use the Chapter 2 method to clean it first. Then coat it with EnduroShield to lock the result in. Cleaning without coating = back to Stage 2 within months.

**Next: Clean → then protect with the kit.**



**PATH C**

**My glass is frosted — DIY won't help**

You need professional polishing or replacement. Important: when you re-glass, coat the new panel *immediately*. Otherwise you will be reading this guide again in 3 years.

**Next: WhatsApp us a photo — we'll tell you honestly which option fits.**



**WEBSITE**  
**enduroshieldpro.com**



**WHATSAPP**  
**+60 12-801 7258**



**INSTAGRAM**  
**@enduroshield.my**

★ TÜV RHEINLAND CERTIFIED

○ ISO 9001:2015

🌐 50+ COUNTRIES

🔒 3-YEAR WARRANTY

This guide is for educational purposes. Results from the DIY cleaning method vary based on the severity and age of water staining. EnduroShield Malaysia is the authorised distributor of EnduroShield in Malaysia. © 2026 EnduroShield Malaysia. All rights reserved. **enduroshieldpro.com**