



TÜV RHEINLAND TESTED  
ISO 9001 MANUFACTURED  
3-YEAR DIY GUARANTEE

THE MALAYSIAN HOMEOWNER'S GLASS CLEANING BIBLE

# How to clean shower glass — *without ruining it.*

Daily 30 sec · Weekly 5 min · Monthly 15. Real products you can buy at Mr DIY, Tesco, or Shopee.



WHAT'S INSIDE (7 PAGES, 7-MIN READ)

- 01 Why bathroom glass is the most attacked
- 02 The daily 30-second habit
- 03 The weekly 5-minute clean (3 methods)
- 04 The monthly deep clean
- 05 6 specific problems & fixes
- 06 The opt-out option

## I'm Kent.

Distributing EnduroShield in Malaysia since 2022. This guide is what I've learned from **2 years of customer WhatsApp questions** — the answers I give every week.

## 01 · THE THING NOBODY MENTIONED

# Your *bathroom glass* is the one being attacked.

9 of 10 homeowners **never realize this** until year 3. Then they're staring at a RM 500 polish quote and wondering how it happened.



Month 12



Month 24



Month 36

SAME PANEL · UNCOATED · MONTHS 12, 24, 36 — THE SILENT DECLINE

GLASS SURFACE	WHAT TOUCHES IT	RISK
<b>Window</b> (outdoor)	Mostly <b>rainwater</b>	Very low
<b>Kitchen splashback</b>	Oil + steam	Low
<b>Shower glass</b> 🚿	<b>Hard tap water + soap + body oil + chlorine</b>	<b>High</b> — etches into silica

## Why specifically shower glass?

Malaysian tap water from **treated reservoirs** carries **calcium + magnesium minerals**, **chlorine**, trace iron oxide from old pipes. Now mix with your **body sweat** (acidic), **soap residue** (alkaline), **temperature cycling**. Daily.

Over **1,000 showers (~18 months)**, minerals don't sit ON the glass anymore — they **chemically fuse INTO the silica**. That's permanent etching.

Outdoor windows? Rain rinses. Mirrors? Dry air. **Only shower glass gets this daily abuse.**

## 02 · THE DAILY HABIT

## If you only do *one thing* — do this.

The biggest cause of shower glass damage **isn't dirt**. It's **water sitting + evaporating**, leaving calcium that fuses into silica.

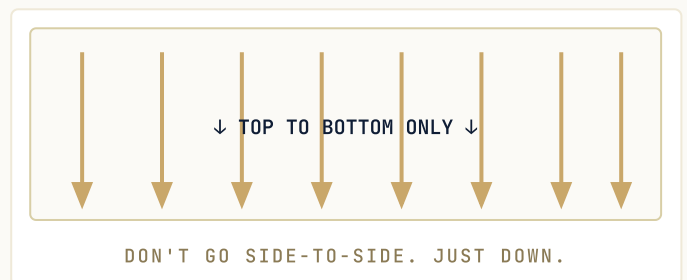
The fix: **30 seconds after your last shower**.

### 1 Squeegee · 20 sec

Top-left corner → **straight down**. Move 15cm right, overlap 2cm, pull down. **6-8 strokes** for a 90cm panel.

### 2 Warm rinse · 10 sec

Spray once with **warm** (not cold) water. Let it air-dry. **Don't squeegee** the rinse.



**Why it works:** Squeegee removes **~95% of water + minerals**. Rinse takes another 4%. Air-drying from clean water leaves nothing behind.

**Best squeegee in MY:** Vileda 27cm — **RM 19.90** at Tesco / Lotus's / Shopee. Replaceable blade lasts 6 months.

## 03 · THE WEEKLY CLEAN

Once a week, give it an *actual wash*.

Daily habit prevents **new buildup**. Weekly clean removes what sneaked through. Pick one of three:

## A · CHEAPEST · 80% OF CASES

 **Dish soap**

Mama Lemon / Sunlight (RM 4) + warm water + microfibre (Daiso RM 5.90). **5 drops + 500ml warm water** in spray bottle. Spray both sides, **wait 2 min** (most skip this!), wipe in **straight downward strokes**, rinse, squeegee dry.

## B · BEST FOR MINERAL SPOTS

 **White vinegar**

Plain white vinegar (RM 3.50 sundry shop, **not flavoured rice vinegar**). **1:1 vinegar + warm water**, spray, wait 5 min, wipe downward. **Rinse thoroughly** after — vinegar residue attracts dust. **Don't use on brass / natural stone frames**.

## C · MOST CONVENIENT

 **Specialty glass cleaner**

Need a **real glass cleaner**, not bathroom cleaner. **Works:** Hagerty Mr Glass (RM 28 Shopee), Cif Glass & Multi (RM 12 Tesco), Goodmaid 3+1 (RM 8 AEON). **Avoid:** anything with **"limescale remover"** — micro-etches over time.



DONE WEEKLY → GLASS STAYS THIS CLEAR FOR YEARS.

## 04 · THE MONTHLY DEEP CLEAN

Once a month, treat your shower like a *wedding venue*.

Monthly clean tackles 4 things daily/weekly miss:

**bottom-edge minerals**, **scum behind bottles**, **mildew in silicone**, **dust on top frame**. ~15 minutes.

### 1 Pre-soak · 2 min

Hot water through showerhead **60 sec**. Steam softens scum 70%.

### 2 Top down · 3 min

Wipe top track + frame with damp microfibre. **Used toothbrush** for corners.

### 3 Glass clean · 5 min

**Vinegar for bottom 30cm**, dish soap rest. **Don't forget behind the door** (3x faster scum).

### 4 Silicone · 3 min

Black/pink spots = mildew. Spray **250ml water + 1 tsp baking soda + 2 drops dish soap**, wait 5 min, scrub, rinse.

### 5 Final rinse · 2 min

Top-down warm rinse. Squeegee dry.



DEEP CLEAN TACKLES WHAT DAILY/WEEKLY MISSES

## Malaysian shopping list

ITEM	BRAND	PRICE
Microfibre × 4	Daiso	<b>RM 5.90</b>
Spray bottles × 2	Watsons	RM 9.90
White vinegar 750ml	Gourmet	<b>RM 3.50</b>
Baking soda 500g	Bake King	RM 5.90
Dish soap	Mama Lemon	RM 4-7
Squeegee 25cm	Vileda	<b>RM 19.90</b>

Starter kit: **~RM 55**. Lasts 3+ months.

## 05 · WHEN SOMETHING GOES WRONG

**Diagnose the stain.** *Match the fix.*

Stop using one product for everything. **Color tabs** group similar problems.



● MINERAL · FIXABLE

**1 · White spots that won't come off**

**Test:** Fingernail across — feels **rough/bumpy**.

**Fix:** Vinegar method. Stubborn? **Soak paper towel in undiluted vinegar, press 15 min**, wipe.

**Don't:** Scratchy sponge — sanding the glass.



● ETCHING · PERMANENT

**2 · Cloudy haze vinegar can't fix**

**Test:** Vinegar shows no change after 4 weekly tries.

**Fix:** DIY cerium kit (RM 80-150), **pro polish RM 500-1,200/panel**, or replace (RM 1,200-3k).

See Page 7 for prevention.



● BACTERIA · EASY FIX

**3 · Pink/orange film on silicone**

**Cause:** **Serratia marcescens** bacteria (loves soap residue).

**Fix:** Baking soda + dish soap mix from Page 5.

**Prevent:** Fan ≥15 min after every shower.

**Don't:** Bleach (weakens silicone).



● MILDEW · HANDYMAN

**4 · Black mildew inside frame**

**Cause:** Mildew grew into the silicone itself.

**Fix shallow:** Method 3 works.

**Fix deep:** Re-caulk silicone. **Handyman RM 80-150**. Worth it.



● BODY OIL · QUICK

**5 · Greasy fingerprints / body oil**

**Cause:** Skin oil + soap scum mix.

**Fix:** Dish soap method — **warm water is key**, breaks oil.

Glass cleaner sprays often don't work on body oil (alcohol-based, evaporates too fast).



● TECHNIQUE FIX

**6 · Streaky after every clean**

**Cause:** Wrong technique OR dirty microfibre.

**Fix:** **Downward strokes only**. Wash microfibre (no fabric softener!). Replace after ~50 washes.

06 · THERE'S A FASTER PATH IF YOU WANT IT

## If you'd rather not do *any of this*.

*"Everything in this guide works. It also takes time + discipline. Most homeowners start strong for 2 weeks, then forget for 3 months. **If that sounds like you** — there's a different way."*

The lazy person's permanent solution is a **glass coating**. One-time application. **Bonds chemically** to your glass + prevents hard water minerals from bonding for the next **3 years**.

### You still need to:

- **Daily squeegee** (lighter habit)
- Weekly clean: **5 min → 2 min**

### You no longer need to:

- **Vinegar treatments** (nothing bonding)
- Worry about **etching for 3+ years**
- Buy specialty glass cleaners

## EnduroShield DIY Kit · RM 218

Covers one bathroom (up to **40 sqft**). Australian-made by PCT Global. TÜV Rheinland tested for a **simulated 10-year lifecycle**.

**10-30 min DIY** · 8 hr cure · 3-year refill guarantee.

## Reader-only RM 10 off · WELCOME10

[enduroshieldpro.com/shop](https://enduroshieldpro.com/shop) →



### Three honest things

1. **Coating doesn't replace daily squeegee** — makes it easier.
2. **Apply within 30 days of glass install** for best results. Already etched? Polish first (Page 6 Problem 2).
3. **Avoid silane sprays marketed as "coatings"** — last 2-6 weeks. EnduroShield is covalent-bond: real chemistry.

*Even if you never buy the coating, please save this guide. **The squeegee habit on Page 3 alone** will save you ~RM 500 in polishing bills 18 months from now. That's the whole point.*

— Kent · EnduroShield Malaysia