mova

CONTEMPORARY POOLS



Procedure

REMOVAL OF YELLOWISH STAINS

VERSION 2025-03

REMOVAL
OF YELLOWISH STAINS

If yellowish stains appear on the surface of your MOVA pool, please follow the procedure below to remove them.



We have identified two types of yellowish stains:

a) Stains caused by calcium scale precipitation;
b) Stains caused by the presence of metals in the pool water.

Why do yellowish stains form?

Stains occur when:

PH OF WATER > **8.0**

Metals are present in the water. It is important to note that depending on the concentration of metals, stains may appear even before the pH reaches 8.

The effect is intensified when the chlorine level is high :

CLHORINE LEVEL > **3.0**

How to Remove Yellowish Stains?

STEP 1 Adjust the pH and chlorine levels

1 – Lower the pH level to **between 6.5 and 6.8** (ideally 6.5).

2 – Maintain total alkalinity **between 50 and 80 ppm** to prevent unwanted increases in pH.

3 – Keep chlorine levels **below 2.0 ppm.**

4 – Maintain these levels for **72 to 96 hours** (3 to 4 days) to ensure pH stabilization.

In some cases, stains may fade significantly or even disappear completely with this simple procedure.

STEP 2 Apply a stain removal product

Stain removers come in salt form



1 – Keep the pH **between 6.5 and 6.8** (ideally 6.5), alkalinity **between 50 and 80 ppm**, and chlorine levels **below 2.0 ppm** throughout the entire procedure; otherwise, the stain remover will not work.

2 – Turn off the pump 1 hour before treatment.

3 – Measure the required amount of stain remover salt according to your pool's water volume (refer to the instructions on the product used).

4 – Sprinkle the salt directly over the stain(s). For pool walls, place the salt in a sock to apply it locally – if necessary.

5 – Let the product sit for 2 hours, then gently play with a towel to create water movement over the affected area.

6 – Set the filter to **Recirculation** mode for 2 hours to ensure proper water circulation.

7 – Add a metal sequestrant to remove any residual metal particles in the water (use a metal sequestrant compatible with the stain remover salt you applied).

8 – Set the filter to **Filtration** mode for at least 48 hours to filter the pool water, then perform a **backwash**.

If stains have not completely disappeared after 48 hours, repeat steps 1 to 5.

Once the stains have fully disappeared, maintain the pH **between 7.0 and 7.4** (ideally 7.2) and keep the chlorine level at **1 ppm**.

ÉTAPE 3 Optional

1 – Perform a shock treatment (use a shock treatment compatible with the stain remover salt you applied).

2 – Add a clarifier (use a clarifier compatible with the stain remover salt you applied).

3 – Clean the filter sand with *Filter Cleaner*.

Maintenance



It is recommended to use a metal sequestrant for maintenance. This product helps eliminate metal accumulation in the water and on pool surfaces, and more importantly, **prevents** further buildup.

1 – Turn off the pump, set the filter to **Recirculation** mode, and restart the pump.

2 – Add the required amount of metal sequestrant according to your pool's water volume (refer to the product instructions).

3 – Keep the filter in **Recirculation** mode for at least 6 hours to circulate the pool water.

4 – Turn off the pump and set the filter back to **Filtration** mode.

5 – ***Optional:*** Perform a shock treatment (use a shock treatment compatible with the stain remover salt you applied).

Reminders

Please always respect the recommended waiting times before swimming, as specified for each product used.

Always refer to the manufacturer's instructions for the product applied.

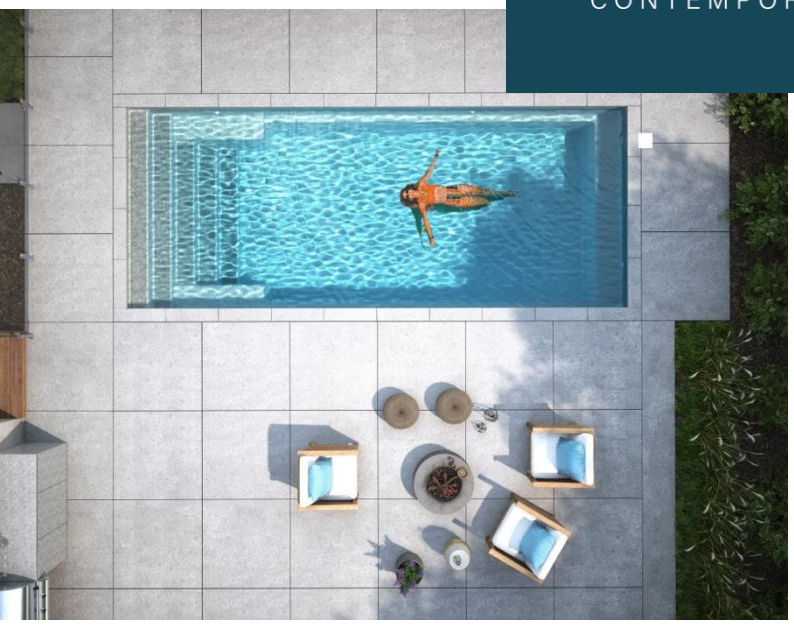
Below is a summary of the main recommended parameters and testing frequencies for a water temperature of 85°F:

Parameter	Target Range	Testing Frequency
Free Chlorine	1.0 – 3.0 ppm	2 to 3 times per week
pH	7.0 – 7.4	2 to 3 times per week
Total Alkalinity	80 – 120 ppm	Once (1) per week
Calcium Hardness	200 – 300 ppm	Once (1) per month
Total Dissolved Solids	< 2000	Once (1) per month

In closing, we would like to remind you that every customer has the responsibility to maintain their pool and pool water on a regular and proper basis. This is an essential condition for the application of the five (5) year warranty on the gelcoat surface.

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