

Tech Tip # 108

Clean Up Formula for Acid Dyed logo mats and light-colored mats

Customer experience has shown that certain mat colors that are in the light blue, silver and gray shades can turn brown, yellow or green when laundered. This problem seems to vary depending upon local water conditions. Some customers have no problems in this area while others experience significant difficulties. The yellowing / discoloration is not unique to any manufacturer. While we have not been able to eliminate the problem, we do have a treatment that in most cases will at least partially reverse the problem.

The cleanup formula shown below can be run as a separate formula assuming that all mats are clean. This formula also could be run as part of a normal wash formula with step 2 added following the first rinse after the break of a standard wash formula.

	Process	Comments	Time	Water Level	Temperature
1.	Flush		5 Min.	High	120°F(49°C)
2.	Break	4 lbs. sodium percarbonate or 48 fluid oz. hydrogen peroxide (35% active ingredients)/cwt	25 Min.	Low-Med.	140°F(60°C)
3.	Rinse		2 Min.	High	100°F(38°C)
4.	Rinse		2 Min.	High	100°F(38°C)

Maintenance: To keep mats from discoloring, add 1/3 - 1/2 lb. sodium per carbonate or 5-10 fluid oz. hydrogen peroxide (35% active ingredients) per 100 lbs. of mats being washed during break cycle of the regular wash formula.

Safety Note - Hydrogen Peroxide is an oxidizing agent. It can cause spontaneous combustion if it encounters wood, leather or other organic materials. Be sure to use appropriate protective safety equipment. Observe all manufacturers' safety precautions.

Should you require additional information or if M+A Matting can be of further assistance, please call us at 1-800-241-5549 or 1-706-882-2961.