

Final report – cleaning machines used on Alloc HPL products

Initiated: Nov 06
 1. inspection: February 07
 2. inspection: June 07
 Final report: June 07

Cleaning machines:

Two types of cleaning machines have been used. Both machines delivered by Tennant. The cleaning system operates with detergent diluted in water scrubbed with a rubber mop and gathered by the rear mop and sucked up by a vacuum. This cleaning procedure is a newly developed FaST cleaning system by Tennant (Foam Scrubbing Technology).



T-3: Walking behind moving machine

T7: Sitting on moving machine

Machine properties	T-3	T-7
Water temperature	Room temperate	Room temperate
Water pressure	1 atm (normal)	1 atm (normal)
Weight	100 kg	Approx 270 kg
Power	24 V battery charger	36 V battery charger
Working position	Walking	Sitting
Dimensions	(113 x 49 x 109) mm	(152 x 82 x 127) mm
Water lift	10 kPa	14 kPa
Airflow	33 l/ s	33 l/ s
Water spillage	Approx 15 ml/ m ²	Approx 15 ml/ m ²

Installations:

Hair dresser's shop, Kolsås	Approx 80 m ²	Alloc Original & Alloc Commercial
Restaurant pub, Lillestrøm	Approx 250 m ²	Alloc Original & Alloc Commercial

The hairdresser's shop is located inside a shopping centre. No direct exit.
 The restaurant pub has two exit doors, facing the street outside.

Final inspection

The inspection focused on the following properties:

- Topping
- Abrasion
- Warping (cupping)
- Frequency of cleaning
- Opening between elements
- Cleaning time

Hairdresser shop:

Visitors: Approx 110 customers per week.

35 m² of Alloc Original white oak

55 m² of Alloc Commercial stone structure (HPL bevels)

Installed in one area, without any expansion profiles.

Effect:

There is no topping or warping registered in the area where the Tennant cleaning machine has operated.

There are no openings between the elements where the Tennant cleaning machine has operated.

There is no registered abrasion in the area where the hairdressing is taking place.

Cleaning frequency: Every second day (Mon, Wedn, Fri).

Cleaning time: 10 min every time

Dirt trap: None

General comments:

The flooring looks as if there has been no water exposure at all. The flooring looks as new.

There is nothing to comment on the flooring in any negative way, what so ever.

Martins Pub/ restaurant:

Visitors: 3.000-4.000 customers per week.

30 m2 Alloc Commercial stone structure (HPL bevels)

90 m2 Alloc Commercial antic oak

80 m2 Alloc Original trend shipdeck (HPL bevels)

50 m2 Alloc Original 2-strip Venge

Installed in 5 different areas. Mostly separated by expansion profiles (T-profiles).

Effect:

There is topping and warping registered at both entrances.

There is topping registered in front of the bar.

There is topping and warping registered in some of the areas where the T-profiles are mounted.

There is registered abrasion on the edges in front of both entrances and at some spots near some of the T-profiles.

In the areas only subjected to the cleaning machine, disregarding the entrances and along the T-profiles, the flooring is not subjected to water exposure.

Cleaning frequency: Every second day (Mon, Wedn, Fri).

Cleaning time: 15-30 min every time

Dirt trap: 2 x 2 m at both entrances

General comments:

The flooring is severely affected by water exposure at the entrances and in front of the bar. The topping and warping in front of the entrances were worse during the winter time than in the summer time.

Action plan:

- 150 m² of the floor must be changed.
- 40 m T-profiles need to be reinstalled.
- ClickGuard must be supplied.

Alloc will provide the flooring that needs to be changed.

Alloc will provide 15 tubes of ClickGuard.

Owner will reinstall the floor on the restaurant's expense using ClickGuard at entrances.

Owner will reinstall the existing T-profiles, using ClickGuard under the profile.

Conclusion:

Alloc AS can recommend using cleaning machines on Alloc HPL flooring, with the machine properties as described at page 1.

ClickGuard must be employed in conjunction with profiles and skirtings.

Furthermore I can conclude that Alloc HPL flooring is not to be recommended at high traffic commercial areas with direct exits where snow will be expected over several months, without using ClickGuard in the joints.

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