



THINK TWICE: Replacing Aircraft carpets? NO!

Aircraft cabin aisle carpets are generally changed every few months and dumped into landfill. We tell you how to focusing on this waste could bring quick wins for the planet and the airline.



Step onboard an aircraft and few passengers will take much notice or give a second thought to the aisle carpet below their feet, but if they care about the planet and sustainability issues, this might yet become the attention of their focus.

FOOTFALL FACTS Aircraft aisle carpets are being ripped out every few months, not because they are worn out but mainly because they are grubby from all that passenger footfall, and there is no efficient or approved carpet cleaning system available to use onboard instead.

Globally that's more than a million square meters of carpets being dumped in landfill, year in year out. On average, he explains, the production of 1 sqm of carpet creates 10 kg of CO2 emission, so that's at least 10,000,000 kg CO2 emission generated annually by aircraft aisle carpets alone! To compensate for this would require 500,000 trees to be planted.

TIME TO RETHINK As airline focus turns to sustainability, so it seems it may be time to rethink current processes and that is now apparently possible by switching to a program of carpet cleaning instead. While wet cleaning has always been problematic onboard because of the drying times, now airlines can switch to an innovative semi- dry carpet cleaning solution which can be used either by the airlines themselves or their cleaning companies. Our experience shows that by switching to cleaning rather than replacing, airlines can reduce their carbon footprint through less waste, while at the same time lowering their costs and improving the passenger experience. A true win – win for all stakeholders. Safe to use and approved according to Airbus and Boeing requirements, it's worth thinking twice about...



Globally more than one million square meters of carpets are being dumped in landfill every year. That's 10,000,000kg of CO2 emission generated and wasted by aircraft aisle flooring alone!



Think about CHANGE



Recognize the waste an estimated minimum of 1,000,000 sqm carpet is laid in aircraft each year. Cleaning is currently perceived to be ineffective or too labor intensive and therefore more expensive than replacing it regularly.



Saving water Semi-dry cleaning is much faster and uses almost no water. This saves water and drying times and can be used immediately. The system uses 10 times less water than regular cleaning systems and as less carpet has to be produced for airlines, water is saved in the manufacturing and supply chain too.



Consider a change monthly semi-dry deep cleaning. Can maintain a clean smart look of the cabin and increase the carpets' life. Crystals that encapsulate the dirt, leave no sticky residue, in contrast to shampoo, and are then vacuumed up. This process can result in four times less aisle carpet being required each year. Airlines pay only for the cleaning products used. Training of the cleaning crew, usage of machines/equipment and audits are included.



Cost analysis the average price of carpet is one third of the total cost of ownership. The rest comes from the cost of shipping, the labor of replacement and installation, on the ground time, cutting, tape, overlocking, certification, warehousing, admin and removal of waste. A decision to clean rather than replace can bring significant cost savings to an airline.



Check emissions Every time the carpet is replaced on an aircraft, more CO2 emissions are incurred. Experts estimate that at least 10,000,000kg of CO2 emissions are annually generated by aircraft carpets.



Freshen up cleaner carpets mean cleaner cabins and healthier air quality with less fine dust in the air. Reducing fine dust onboard also ensures cleaner air-conditioning filters. A switch can improve the passenger experience and help them feel they are in a more hygienic cabin environment.



Cut your impact the switch to cleaning can allow airlines to save on average 10kg of CO2 emission per installed sqm of carpet.



Lighten up cleaner carpets are up to 200 grams lighter per sqm than dirty – another sustainability plus point.



Water waste traditional carpet cleaning, when used, is based on hot water extraction and uses significant amounts of water. It is time consuming as it has to dry for up to 24 hours. It can also carry the risk of corrosion caused if too much water is used.



Extend life SHOU aims to extend the life of onboard carpets. The SHOU symbol comes from the Taoist symbol for long life.



Interested? Contact us for a free demo cleaning!