



Reference project/application

Solvent vapor extraction solution



Situation/challenge

- At a veneer workstation, primer and thinner are applied to a large area of a caravan door
- Solvent vapors are released that have to be eliminated
- The media are stored next to the extraction table - here too, vapors are released and must be extracted



Solution

- Pollutant capture during primer application via an extraction table with rear wall extraction (length 2 m) in ATEX design
- Pollutant capture at the storage containers using an Alsident extraction arm with a flat hood
- Both capturing elements are combined by main line
- Fan box with MD.48 (explosion-proof medium pressure fan) generates volume flow
- The extracted air is discharged to the outside through the exhaust nozzle



User benefits

- Effective and large-area capturing using a suction table (flow speed 1..2 m/s)
- Significantly reduced odor and pollutant exposure for workers throughout the entire production hall

