IDLE PALLET STORAGE

Stacking idle pallets in piles is the optimum configuration of air and fuel to promote rapid fire growth, complete combustion, and high heat release. A piled pallet fire may even exceed the capabilities of your fire protection sprinkler system.

The ideal storage place for idle pallets is outside 30 feet away from the building for up to 200 pallets and 50 feet away for storage of more than 200 pallets.

Aurora Fire Department
65 West Pioneer Trail
Aurora, OH 44202
(330) 562-7171



If wood pallets must be stored indoors in a sprinkler protected building, the Ohio Fire Code (3206.4.1 and NFPA 13) require the piles to be limited to 6 ft in height with groups of 4 pallet stacks separated by 8 ft from the next group of pallets, and 25 feet away from any other combustible commodities.

The storage of piled plastic pallets is only allowed if the sprinkler system was designed specifically for them.

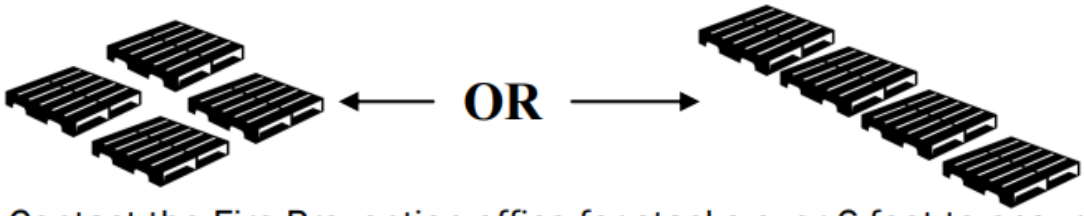
Please contact us with any of your questions about combustible storage.

IDLE PALLET STORAGE

ADDITIONAL INFORMATION

INSIDE STORAGE - WOOD PALLETS

- Floor storage limited to 6 feet in height and each area contains no more than four stacks (50 square feet)



- Contact the Fire Prevention office for stacks over 6 feet to ensure the sprinkler head rating is appropriate for the stack height
- Must be separated from other pallet pile stacks by at least 8 feet
- Must be separated from commodity storage by at least 25 feet
- Rack storage ONLY permitted with Early Suppression Fast Response (ESFR) sprinkler system
- Max ceiling height is either 20/30 feet depending on sprinkler type

INSIDE STORAGE - PLASTIC PALLETS

- Floor storage limited to 10 feet in height and building must be protected with a sprinkler system specifically designed for them
- Rack storage ONLY permitted with Early Suppression Fast Response (ESFR) sprinkler system