

## PRESS RELEASE

---

### RMB Chivenor (Royal Marinesbase at Chivenor)



Client: RMB Chivenor (Royal Marinesbase at Chivenor)

Building size: - 49.4m span(BVR Link)

90m long

5m side wall

Colour: -Green & White

Complete With: -Partition wall (25% separated area) - 4 off 3.5m wide x 5.0m high roller

Shutter doors, electrically operated

- 7 off Pedestrian/fire doors

- Munters Dehumidification RH level 45% + - 5% (gas fired)

-Lighting, intruder detection, fire alarm, public address system, lightning protection

- Ventilation - fume extraction

The building services were fully interlocked to provide sequential operation. That is to say when the large doors open, ventilation goes on (and dehumidification turns off). This process is automatic. When doors close, the vent fans run for a few minutes (time depends on fume detection level in the building) and dehumidifiers come on.

Letter of intent - Nov 2004

Completed - May 2005

The purpose of the building is to store military hardware under dehumidified conditions. The Marines /Army are extremely happy with the building as it give much better results than what they have previously used (lining traditional buildings).

They can retain RH at 45% with great ease. The 'pull down time' (to achieve 45% RH from ambient humidity) is about 2 hours (for a similar sized traditional building the Marines were expecting 10 hours).