

## Why all Sub-Floor Ventilation Systems are NOT the same



The market leader of sub-floor ventilation fans, Solarfan, had rigorous testing carried out by Unisearch in the 1970's. Unisearch was a very intensive testing and research facility, contracted to research and examine commercial products. Consulting and expert opinion from UNSW is now known as UNSW Consulting & Unisearch, a division of NewSouth Global.

This accreditation was a fundamental testing process which a lot of ventilation companies don't comply to. So how credible are their products?

This was recently highlighted by a new client of ours that said that "my previous sub-floor ventilation system only lasted six months." This is not surprising.

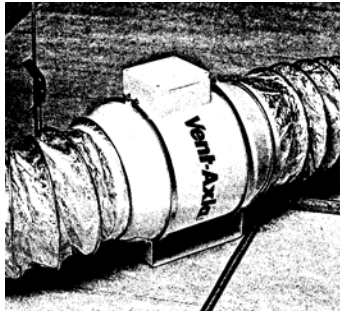
[Envirofans](#) knowledge and experience from the Solarfan era spanning over thirty years, knows what sub-floor ventilation systems work and what fail after a short period.

Brick size ventilation system design is extremely important where the distance between the floor and the ground is reduced; this is where effective sub-floor ventilation needs to be concentrated. The use of flexible ducting in these areas would only inhibit air flow and its use is totally unnecessary.

Terra-cotta vent size design is very innovative for sub-floor ventilation systems, as this maintains the structural integrity of the building. By extracting a terracotta vent and replacing it with a sub-floor ventilation system the same size, this is a retro-fit, therefore the structural integrity of the wall is maintained. This would also be true of extracting a brick in a sub-wall and replacing it with a brick size sub-floor ventilation system which has a db (decibel) rating of 27 and moves 2,500 litres of air per minute. Many in-line systems have a decibel rating which is much higher. As the homeowner you don't need additional noise levels penetrating into the living area which is unwarranted.

By adopting [Envirofan](#) sub-floor ventilation systems to target underfloor ventilation problems airflow will travel freely. The use of flexi duct and other materials is not needed.

Most people are concerned about mankind's impact on the world's resources. [Envirofan](#) has taken this into account by building sub-floor ventilation systems that operate on low voltage (12v). Which means the drain on resources is far less than a product at 240volts. These sub-floor ventilation systems can also operate on solar-power. Considering also that being a 12volt system from an installation point of view, an electrician is not required so the installation process of installing sub-floor ventilation systems is much simpler than a 240volt system.



When it comes to sub-floor ventilation system from all others, [Envirofan](#) sub-floor ventilation systems really does stand alone in testing, quality, resourcefulness, effectiveness & ease of installation.

Get professional advice, service and installation from [Envirofan](#) Sub-floor ventilation systems in Sydney, Brisbane, Melbourne, Adelaide, Perth and Hobart.

**240 volt system & duct**

Dave Marinos

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