



**Plan a cow shed**  
Plan a business

## CowPlan Products & Services



### Consultancy & Planning

Since 2000, Ivor Davey from CowPlan has advised and helped design dairy units. CowPlan can design a new building or dairy unit, or review and assist with long term farm yard layouts. Specialties include independent milk robot knowledge, cow flow, long term vision and advice.



### Cow Cubicles

Working with Wilson Agriculture, we can offer C50 (all metal) or Cowcoon (hybrid plastic) cubicles suitable for all ages. Using research based cow comfort techniques we aim to make your cows comfortable!



### Feeding

Considering optimising space at the feed barrier, we can offer Self locking feed barriers, diagonal barriers or straight rails. Also, resin coating for feed area floors, and advice on feed barrier design.



### Cow Mattresses

Offering WilsonAg Pasture Mat mattresses, with Premium Pad foam and pillow brisket barriers. Also, Pack mat for deep bedded systems. Increased lying time = increased milk yield (Grant,2007).





## Water

Cows require up to 120l water/day. We can offer galvanised and powder coated tip-over water troughs, and stainless steel dump troughs and holding pen troughs. We advise on space required and drinker location for all troughs.



## Lighting

Optimum photo-period will increase milk yield by 6-10% on average. CowPlan advises on Long Day Light period (LDLP) lighting systems using either Sodium or LED lights, with automated control panels, and light harvesting where appropriate.



## Flooring

The correct concrete finish is critical in order to reduce cows slipping and improve foot health. CowPlan will advise on the tools to use, and offer ZigZag rubber in order to improve comfort and traction in key areas.



## Concrete kerbs

Suitable for deep sand bedding and Pack Mat systems. Strong, resilient and cow friendly while being easy to install and offering easy to manage cubicle beds.



## Ventilation

Curtains or fans? We prefer natural ventilation where possible, so we will help to design a ventilation system which removes moisture laden air (from respiration), and replaces with fresh air. Remember: *'if it's cold enough in the cows shed for the cows, the farmer needs to put a coat on'*.



## Maternity Pen

Using a fully fitted mattress flooring system, we can offer comfortable maternity or segregation area floors. These offer incredible durability and longevity and are easy to manage. These can be installed with an additional foam layer, or mattress only, depending on comfort required.