



## **GPP Hygiene Washroom Paper Products**

### **Pure Paper**

Some of our paper is from pure pulp which is sourced sustainably and managed professionally. This paper is produced from fast growing conifer trees where they are replaced at least 3-1. This helps the environment by them absorbing carbon dioxide and producing oxygen which is released into the environment. This is a natural process called photosynthesis and relies on natural sunlight. Pure paper is environmentally friendly, fully sustainable and will not consume tree resources.

### **Recycled Paper**

We are often asked about availability of recycled paper and, whilst we can obtain this, often the paper is not fit for purpose and it is a fact that not all recycled papers are environmentally friendly. When paper is recycled a lot of chemicals are used in de-inking the paper and there is debate about whether this is worthwhile or not.

**De-inking** is the process of separating fibres from printed recovered paper by the action of heat, chemicals, and mechanical treatments to detach ink from paper followed by removal of ink, coatings, fillers, unwanted materials and contaminants.

- Solvents & detergents have been used in the de-inking process.
- Chlorine & chlorine compounds used result in bio-accumulative/persistent organochlorines, furans and dioxins being released into the environment.

One toxic by-product is **dioxin**, a type of organochloride, which results from the combination of chlorine and other substances. But chlorine is not the only problem. More than 40 items have been identified including cadmium, lead, mercury, phenols, PCBs, 2,3,7,8-(dioxin), and a variety of other harmful pollutants.

Many of these substances cause cancer or genetic damage, are persistent, and accumulate in the environment.

Therefore, recycled paper **should** be used for:

- Newspapers, magazines and directories
- Photocopy and computer paper
- Other printed or unprinted paper (junk mail)
- Bags, sacks, tubes
- Cartons, boxes, corrugated boxes
- Beverage cartons, packaging

About 20-25% of paper **should not** be recycled for hygienic reasons and human health. These are:

- Tissue paper
- Sanitary products
- Food parchment papers

Tissue paper has direct contact with our skin. Therefore the use of a silky, white and 100% pure tissue paper guarantees not only quality and satisfaction but improved hygiene as well.



GPP Hygiene LLP  
01452 883447