CJC™ **E**nvironmental **S**aving **Glass** Programme

THINK GREEN!

One of the main purposes of the Kyoto protocol is to reduce the CO2 emission world wide.
C.C.JENSEN demonstrates that replacement of ordinary glass by **CJC™ ES Glass** will reduce CO2 reduction.

C.C.JENSEN A/S
Window Division

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New possibilities of energy saving?
The Kyoto protocol is gradually going to be implemented in the EU and world wide, many countries have already signed the agreement. One of the main purposes of the protocol is to reduce the CO2 emission and consequently the authorities are looking for new possibilities of energy saving and reduction of CO2 emission.

Single layer glass emits several tons of CO2
The CO2 saving by replacing one square meter of single layer glass by one square meter of CJC™ ES glass will be app. 91 kilo of CO2 per year. Ex. A 60 meter yacht having app. 180 m^2 of single layer glass will emit 16.4 tons of CO2 per year.

CJC™ ES Glass reduces CO2 emission
C.C.JENSEN demonstrates that replacement of ordinary glass such as single layer or double glass by CJC™ ES Glass will result in CO2 reduction. The deadline for passing the Kyoto is getting closer so the sooner the old glass are being replaced, the sooner you'll obtain good results.

The lower the U-value, the lower the heat loss
The thermal data of a window pane are described as a U-value (or loss of transmission). The U-value is a value for the loss of heat per square meter of glass at a temperature disparity through the material of one Kelvin. Therefore the lower the U-value, the lower the heat loss and thus higher heat isolation.

CJC™ ES Glass also reduces heat influx from the sun
Another advantage by using CJC™ ES Glass is reduction of heat influx from the sun. This will give you the advantage of reducing the use of air condition and thus saving oil and energy.

The following three types of glass are commonly being used for yachts:

Single Layer Glass: U-value app. 5.7

Ordinary Double Glass: Built-up by an external pressure glass, air gab filled with air or argon and an inner glass. U-value app. 2.8.

CJC™ ES Glass: A double glass built-up with an external pressure glass, air gab with argon and an inner glass. One glass having a coating to prevent loss of heat or to reduce influx from sun plus a UV-filter to protect furniture and interior. U-value app. 1.4.

- C.C.JENSEN would like to specify the glass for your next yacht project.
- C.C.JENSEN can offer you upgrading of an existing yacht - such as measuring onboard, supply and mounting of CJC™ ES Glass and classification approval.

Please contact C.C.JENSEN A/S Window Division for further information.

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