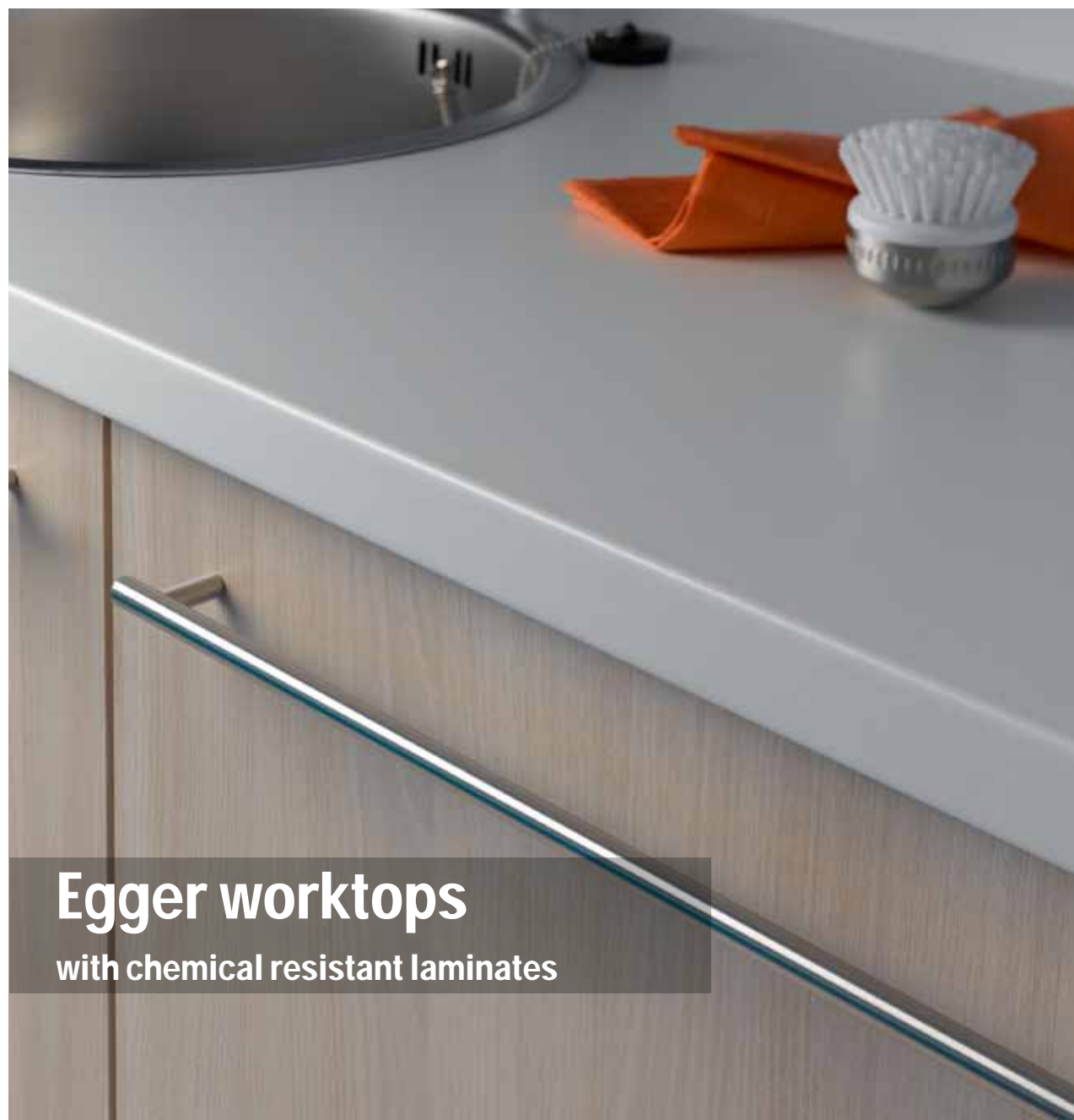


MORE FROM WOOD.



Egger worktops
with chemical resistant laminates

SPILLAGE TEST

The first test conducted was the chemical spillage test where a chemical is 'spilled', left for 10 minutes and observations of the effects noted. This type of testing is to simulate accidental spillage where removal and washing is not delayed. The results of these tests are in the following table, and are at room temperature;

Reagents	Observation
Sulphuric Acid (Conc) 33 %	Severe degradation
Hydrochloric Acid (Conc) 28 %	Slight gloss & colour loss, no other effects
Nitric Acid (Conc) 22 %	Severe degradation
Sulphuric Acid (1 ml) 11 %	Slight gloss & colour loss, no other effects
Hydrochloric Acid (1 ml) 11 %	Slight gloss & colour loss, no other effects
Sodium Hydroxide (1 ml) 11 %	Slight gloss loss, no other effects
Sodium Hydroxide (Conc) 42 %	Slight gloss loss, no other effects
Bleach (12 % C12)	No effect or change
Brine 13 %	No effect or change
Ammonia (Conc) 38 %	No effect or change
Ammonium Hydroxide 28 %	No effect or change

Solvents	Observation
Alcohol (Ethanol)	No effect or change
Alcohol (Toluene)	No effect or change
Ketone (Acetone)	No effect or change
Chlorinated	No effect or change
Petroleum Spirit	No effect or change
Diesel	No effect or change

IMMERSION TEST

EGGER laminate samples were immersed in each of the chemicals for a period of one (1) week. The solvent chemicals were topped up daily to compensate for evaporation. The immersion tests are designed to simulate prolonged contact exposure leakage or untended spillage at room temperature. Once the test was completed, the sampling were removed, washed, and examined for observation results. The results of these tests are in the following table;

Reagents	Observation
Sulphuric Acid (Conc) 33 %	Severe degradation
Hydrochloric Acid (Conc) 28 %	Gloss & colour loss, no other effects
Nitric Acid (Conc) 22 %	Severe degradation
Sulphuric Acid (1 ml) 11 %	Gloss & colour loss, surface blistering
Hydrochloric Acid (1 ml) 11 %	Colour yellowing, slight gloss loss, surface blistering
Sodium Hydroxide (1 ml) 11 %	No effect or change
Sodium Hydroxide (Conc) 42 %	Slight gloss loss, no other effects
Bleach (12 % C12)	Surface blistering, no other effects
Brine 13 %	No effect or change
Ammonia (Conc) 38 %	Surface blistering, no other effects
Ammonium Hydroxide (1 ml) 28 %	Surface blistering, no other effects

Solvents	Observation
Alcohol (Ethanol)	No effect or change
Alcohol (Toluene)	No effect or change
Ketone (Acetone)	No effect or change
Chlorinated	No effect or change
Petroleum Spirit	No effect or change
Diesel	No effect or change



18, Cusack Rd, Malaga, Perth, Australia, WA 6090

Tel: +61 8 9209 6200

Fax: +61 8 9209 6222

Web: www.proform.com.au

Email: sales@proform.com.au