

# EDGE TEST RESULTS

stain resistance of EDGE protected leather

## **Substrate: Royal Hide**

### **STATIC WATER REPELLENCY (3M METHOD)**

Drops of water/alcohol mixtures as specified below are applied to the leather. If the leather does not absorb the liquid droplets, it has adequate repellency to pass the specific rating. The rating achieved is equal to the highest grade that is successfully repelled without leaving discoloration.

GRADE 0 - 100% WATER

GRADE 1 - 90% WATER/10% ALCOHOL

GRADE 2 - 80% WATER/20% ALCOHOL

GRADE 3 - 70% WATER/30% ALCOHOL

GRADE 4 - 60% WATER/40% ALCOHOL

GRADE 5 - 50% WATER/50% ALCOHOL

GRADE 6 - 40% WATER/60% ALCOHOL

GRADE 7 - 30% WATER/70% ALCOHOL

GRADE 8 - 20% WATER/80% ALCOHOL

GRADE 9 - 10% WATER/90% ALCOHOL

GRADE 10 - 100% ALCOHOL

### **RESISTANCE TO FLUIDS (SPOT REMOVAL)**

Four common products are applied to separate samples of leather: coffee, Coca-Cola, red wine and tomato juice. After two minutes, the fluid is wiped off and the contact area is evaluated for color change using the Gray Scale (ISO 105-A02).

### **TEST RESULTS**

Static Water Repellency Grade 10

Oil Repellency (AATCC 118) Grade 7

Resistance to Fluids - coffee Gray Scale 5 (no color change)

Resistance to Fluids - Coca-Cola Gray Scale 5 (no color change)

Resistance to Fluids - red wine Gray Scale 5 (no color change)

Resistance to Fluids - tomato juice Gray Scale 5 (no color change)