

## 790-11 EV Hot Rubberized Asphalt Membrane

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### **What is 790-11 EV?**

790-11 EV is hot rubberized asphalt roofing and waterproofing membrane made from a blend of select asphalt, SBS rubber polymer and mineral stabilizers. It also contains a minimum of 25% post consumer recycled material.

### **Why did Bakor invent 790-11 EV?**

790-11 EV was invented to meet the growing demands for the use of increased recycled content in building materials.

### **Where is 790-11 EV used?**

790-11 EV is used as a waterproofing membrane for green roof systems, plaza decks, planters, parking garage roofs, tunnels, and protected membrane roofing systems.

### **Why specify 790-11 EV?**

790-11 EV is a fully bonded roofing and waterproofing system. A fully bonded system limits water migration even if damage occurs. 790-11 EV allows a building or structure to be made watertight in a hurry. It is not unusual for an experienced crew to install in excess of 10,000 ft<sup>2</sup> per day. 790-11 EV does all of this while containing a high percentage of recycled material, which is better for our environment.

### **How is it packaged?**

790-11 is wrapped in light easy melt polyethylene sheets in recyclable cardboard boxes.

### **Do the fillers in 790-11EV react negatively to acid rain or soils as part of a green roof system?**

No. Reports show that the most acidic rain falling in North America typically has a pH of 4.3. Calculations indicate that the concentration of acid required to give a pH of 4.3 would be in the order of 0.0005% for sulfuric acid and 0.0004% for nitric acid, the most common contaminants. At these levels, the effect of the acids on our filler is insignificant. In fact, our testing has failed to demonstrate any effect, even at concentration levels thousands of times higher than is expected to be found in the field.

### **Can we still use SBS modified bitumen membranes in conjunction with 790-11 EV?**

Yes, SBS membranes continue to be the higher performing solution for flashing and separation sheet applications as part of a 790-11 EV system.

### **Is 790-11 EV the only component that Henry Canada provides for a green roof system?**

No! Unlike our competitors, Henry Canada manufactures all of the components that make a green roof system watertight. Henry also provides DBR root barriers/water retention/ drainage layer systems and filter fabrics. Henry continues to manufacture separation sheets and protection layers.

### **What is the product life cycle for 790-11 EV?**

Henry Canada has been manufacturing 790-11 since 1967! This system has been performing since that time and has an excellent track record.

### **Does 790-11 EV require special primers?**

No. Bakor 930-18 is the primer of choice. This is a low odor primer that sets up fast.

### **How is 790-11 EV applied?**

790-11 is heated in special oil or air jacketed kettles. It is then applied by rubber squeegee per Henry Canada's printed instructions. A reinforcing fabric is placed in the hot 790-11 and a second layer is applied in the same manner. Next, a protection course is applied.

### **What type of protection is required?**

Depending of the situation an SBS membrane such as G100s/s or NP180s/s is used. For additional protection, Bakor Asphaltic Protection Board is used.

### **Where is 790-11 EV available?**

790-11 EV is used widely throughout North America and is available anywhere in the world. <>