

# RT SURFACE TREATMENT



## Commercial Product Data Sheet

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### **Product Description**

A blend of bitumen and polymeric binder in the form of a black pellet coated with a release agent.

### **Product Uses**

Bond-enhancing component for use in semi-adhering Paradiene 20 TS systems directly to the surface of Insulcel Lightweight Insulating Concrete.

### **Application Instructions**

Pellets are broadcast over the surface of newly poured Insulcel Lightweight Insulating Concrete at the rate of four pounds per square, in conjunction with the concrete finishing process. Coverage should be uniform and consistent. Pellets must not be embedded below the finished surface of the Insulcel pour. The pellets must be in position to make physical contact with the Paradiene 20 TS.

The Insulcel pour is allowed to cure for three days. A base ply fastener withdrawal test is performed using Zono-tite Fasteners. A minimum 40-lb (18.1 kg) withdrawal must be achieved before roofing can begin. The finished Insulcel substrate should be inspected for conditions that will not allow for proper adhesion, such as scaling, spalling, frothing, absence of pellets, and other irregularities. Repairs to such areas can be made using Zono-Patch or by applying a Parabase base sheet using Zono-tite Fasteners. Before beginning application of the roof membrane, RT Pellets must be thermally activated by torching the surface of the Insulcel substrate using a torch wagon or hand torch. The pellets will become glossy black and molten, and will flatten on the surface of the Insulcel Lightweight Insulating Concrete. RT Pellets cannot be properly thermally activated simultaneously with the torch application of the first ply of the roof system. Paradiene 20 TS is torch-applied according to Siplast specifications, and is followed by application of a Paradiene, Veral, or Parafor cap sheet.

### **Limitations**

RT Surface Treatment pellets are an asphalt-based material and must be stored under conditions that do not cause consolidation of the pellets. RT Surface Treatment should be stored in a dry location and out of direct exposure to the elements. Do not double stack pallets.

*Current copies of all Siplast Commercial Product Data Sheets are posted on the Siplast Web site at [www.Siplast.com](http://www.Siplast.com).*

U.S. Patent No. 6,769,215

Rev 9/08

## **COMMERCIAL PRODUCT INFORMATION**

### **Product Characteristics:**

Dark brown to black pellets.

Bulk Density: 40 lb/ft<sup>3</sup> (640.7 kg/m<sup>3</sup>)

Pellet Size: 3-5 mm (0.12 - 0.20 in) in diameter

### **Packaging:**

Plastic bags: 55 lb ( 25.0 kg)

Bags per pallet: 25 (1375 lb) (624.0 kg)