



ABSTRACT

A weatherproofing membrane having a high traction surface is used on a roof or other such location to prevent individuals from slipping. The weatherproofing membrane includes a facer sheet formed of a weatherproofing material and one or more polymer regions disposed on an upper side of the facer sheet. The weatherproofing membrane also includes a layer of modified asphalt disposed on the lower side of the facer sheet and a release backing disposed over the modified asphalt. The polymer is softer than the weatherproofing material and thus provides a higher traction surface than the weatherproofing material of the facer sheet. The polymer includes a low molecular weight polyethylene and an amorphous polyolefin (APO) in respective proportions ranging from about 50/50 to 90/10. The low molecular weight polyethylene and the APO are mixed hot and applied to the facer sheet, for example, using conventional coating techniques.

WEATHERPROOFING MEMBRANE HAVING HIGH TRACTION SURFACE

FIELD OF THE INVENTION

The present invention relates to weatherproofing membranes and in particular, to a weatherproofing membrane having a high traction surface.

BACKGROUND OF THE INVENTION

Weatherproofing membranes are commonly used in roofing and other similar applications. The membrane is usually applied to the roof or other such structure to provide weatherproofing. Such membranes typically include a substrate or facer sheet made of a polymer, such as polyethylene, that has an inherently slippery surface. The slippery upper surface of these materials creates a hazard both for the workers applying the membranes and also to any other individual climbing or walking on the slippery polymer surface of the weatherproofing membrane.

Accordingly, a need exists for a weatherproofing membrane having a high traction surface.

SUMMARY OF THE INVENTION

The present invention features a weatherproofing membrane

