

The invention relates to compositions based on bitumen and regeneration of polymer wastes and can be used in construction of the upper layer and repair of the existing asphaltic concrete surface of roads and airfields.

The basic task of the invention is to increase the high temperature stability of bitumen and rutting resistance of asphalt concrete at low temperatures of mixing of polymer-bitumen composition with asphalt concrete components and asphalt concrete seal while ensuring reduction of energy consumption, and as a result, improving the durability of asphalt concrete. A second task of the invention is the effective utilization of polymer wastes.

The solution of the problem is using the polymer bitumen composition comprising bitumen and polymer according to the invention, as the polymer it comprises a secondary polypropylene irradiated by ions flow of 100 microamperes for 8 hours at the following ratio of components, wt. h.:

bitumen	100,0
polymer	7,0-9,0.