

# Techno Microsurfacing System

## Benefits of Micro Surfacing Over Hot Mix

Sr. No.	Property	Micro Surfacing	Hot Mix	Microsurfacing
1	Helpful during rainy season	Anti Permeable	Susceptible to water seepage inside	Minimum e base layer due to use of high quality modified emulsion
2	Time to open the tra	Approx 1 hour	Approx 10 - 12 hours	Since it is cold applied, it can be opened much faster than any hot applied method
3	Anti Skid property	Gives high quality anti skid properties	gives partial antiskid property	Helps during driving on the road as it gives good grip on the road.
4	Thickness of Surface of laying	Between 3 - 10mm	Between 25 - 50mm	Does not increase the dead load on the road and also does not increase the height of the road which results in alteration in road furniture
5	Application on Concrete pavement	Can be easily done after applying tack coat	Cannot be done	Wider scope of application on flexible as well as rigid pavement
6	Life of product	5 - 7 years	4 - 6 years	Increased life gives better return on investment
7	Consumption of aggregate	6 - 13kg/sq mtr	30 - 120 kg sq. mtr	Aggregate is depleting fast and hence conserves the same
8	Tra	Less burden and for less time	Extra burden and for more time	Less tra time to open the tra very less and hence minimum inconvenience to motorists
9	Noise Pollution	Very Little	Very High	Less Noise Pollution
10	Poisonous Gases and Dust Pollution	Nil	High	No harmful e breathing system
11	Safety of the labour	Labour safety is high	Labour is prone to injuries	Safe practice for the working people
12	Consumption of Energy	Very Little	Requires huge amount of energy	Saves cost and also helps in reduction in pollution due to high consumption of energy
13	Green Technology	Yes	No	Saves the condition of the environment