



APPROACHES TO IMPROVE SUPERPAVE DURABILITY (Mix Design & Construction)

PANEL

(MD., NJ., VA., PA.)

(MICHAEL, BENNERT, PROWELL, MAURER)

DURABILITY

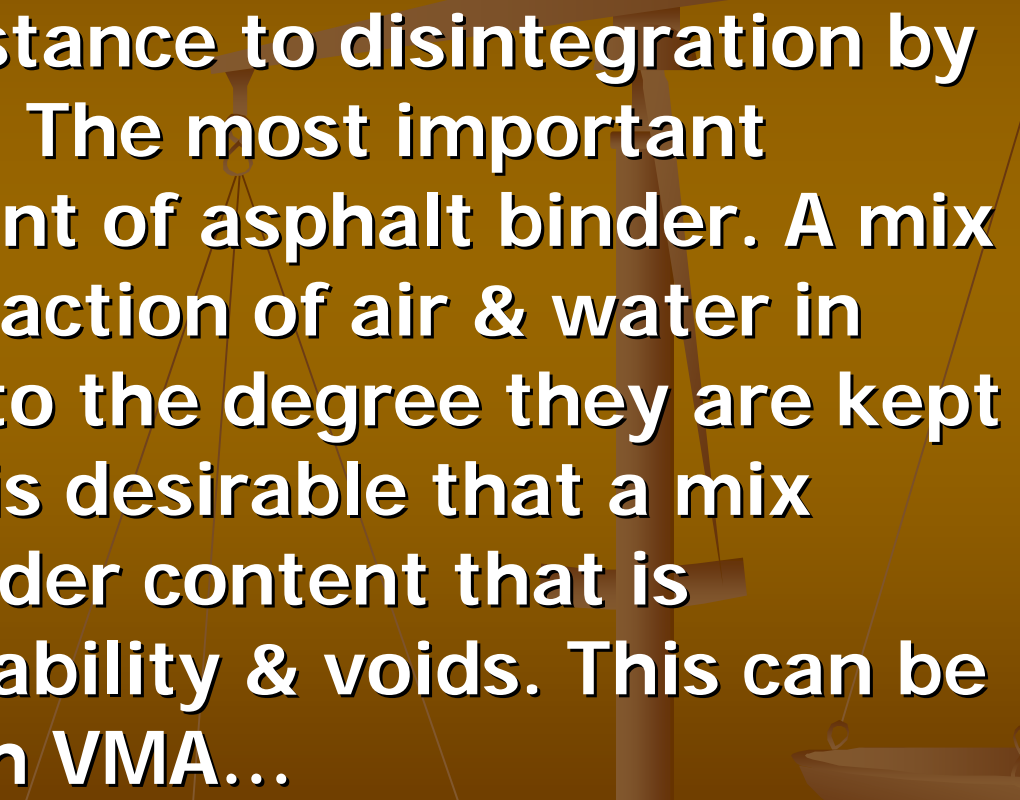


Durable – able to exist a long time without significant deterioration: lasting(syn.)

Asphalt Institute(MS-2) – “ sufficient asphalt to ensure a durable pavement & sufficient mix stability to satisfy the demands of traffic without distortion or displacement ”

DURABILITY (PENNDOT)

A measure of resistance to disintegration by weather or traffic. The most important factor is the amount of asphalt binder. A mix is resistant to the action of air & water in direct proportion to the degree they are kept out of the mix. It is desirable that a mix have as high a binder content that is consistent with stability & voids. This can be achieved with high VMA...



**DISCUSSION
OR
QUESTIONS
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