

Blinding



DESCRIPTION

Blinding of screen media results when moist dust or fine material accumulates around screen openings. The openings are covered over or “blinded” and screening efficiency drops dramatically. Over the years, a variety of solutions have been tried, including frequent washing, slap chains, ball cages and heated decks. All have offered temporary relief to one degree or another but no long-term resolution and always at considerable cost.

SOLUTION

To address this serious issue, the engineering and applications professionals at Polydeck created an innovative screen panel design called the “VR”. Instead of the rigid openings found on typical screen panels, the VR panel has rows of diamond-shaped openings that are only attached at strategic intervals. The result is a vibrating action within the openings themselves which prevents the accumulation of dust cakes on the screen surface.

Another, more aggressive solution on higher moisture applications is our “Flexi” screen panel design. The lively flexibility of these specially formulated compounds generates secondary resonance from the vibration of the machine. This flexible characteristic prevents build-up of fines, which often show up on the wide margins of competitive designs. The result is a truly “stay clean” screen media that can handle the worst blinding conditions.

OPTIONS

VR (zig-zag) and slotted VR (SVR) panel designs
 “Flexi” panel designs in both rubber and polyurethane