Denstone® deltaP®
Support Media

Reshaping How You Think About Support Media
Denstone® deltaP® is the revolutionary bed support media designed by Saint-Gobain NorPro to provide added value over traditional support balls in fixed bed catalyst applications for the hydrocarbon processing industry.

Denstone deltaP shaped support media is engineered so that only two layers of support media are used. This can decrease fill costs, lower unit pressure drop, simplify vessel loading and reduce the total volume of support media, allowing you to increase capacity by adding more adsorbent or catalyst to your vessel.

Improve Performance
Only two layers of Denstone® deltaP® support media are needed to retain even the smallest catalyst sizes, versus as many as four layers of support balls. This can free up valuable space for more catalyst to boost reactor performance.

- A 100 mm deep layer of Denstone deltaP size P1 media is intended to be layered directly beneath the catalyst, replacing layers of costly small support balls.
- Denstone deltaP size P2 media typically replaces the remaining layers of larger diameter support balls.
- Denstone deltaP size P1.4 media is recommended as an alternative to size P2 for vessels with narrower filling and dump ports.

Lower Pressure Drop
The unique engineered shape of Denstone® deltaP® media improves your operational performance by reducing pressure drop. On average there is a 50% pressure drop decrease across the support media when utilizing Denstone deltaP media vs. traditional support balls.

To see how pressure drop compares, visit the «Pressure Drop Estimator» on our website.
Testing Confirms No Migration Effect

Extensive testing proves that Denstone® deltaP® support media effectively retains catalyst particles with minimal migration into the support media.

Laboratory simulations confirm that Denstone® deltaP® P1 media, with a typical diameter of 11.5mm, supports a bed of 1.6mm catalyst with no migration into the support media layer. Only one additional bottom layer of Denstone deltaP P2 media is required.

Start improving your overall operating performance and bottom line results today with Denstone® deltaP® support media, the newest technological breakthrough from the name you’ve trusted for over 70 years.