

Bansal Wires Manufacturing Unit, Dadri (U.P.)



Bansal Wire Industries Ltd. is the largest stainless steel wire manufacturing company and the second largest steel wire manufacturing company by volume in India with a production of 72,176 MTPA and 206,466 MTPA, respectively, in Fiscal 2023.

The Company was incorporated in the year 1985 and since incorporation, they have consistently delivered quality products, creating a niche identity in the industry. With a legacy of 38 years, the company take pride in diversified portfolio, catering to a wide range of sectors such as automotive, general engineering, infrastructure, hardware, consumer durables, power and transmission, agriculture and auto replacement.

DBS lining system was installed for waterproofing the whole pond spread over an area of more than 6500 sqm. It includes dredging, placing plastic waterproofing membrane in the bed, a silt chamber to prevent rainwater sludge flowing into the lake.

RV Enterprises, an authorized contractor experienced in lining applications, was chosen to carry out this installation. DBS podium lining offers a very robust lining system. The membrane comes in several sizes that can go up to very large sheets (930 m²). For this project large membranes were used to make the installation a lot easier and reduce the installation time. DBS EPDM also offers high durability under fully exposed conditions. Rocks used for ballasting won't puncture the membrane. The elongation properties help the membrane to accommodate to differential soil settlements. Waterfalls, islands, even

Quick Facts

Project scope:

- ❖ **Bansal Wire Industries Ltd. is largest stainless steel wire manufacturing company**
- ❖ **>6500 sqm of Pond lining** carried out with 1.1 mm DBS EPDM
- ❖ High visibility and prestigious project
- ❖ To deliver an excellent waterproofing to preserve water for seeping into the grounds
- ❖ **Client: Bansal Wires Industries Ltd.**

Challenges faced

- ❖ Rain caused delay in completion

Features of EPDM:

- ❖ Waterproofing membrane High elasticity (>300%)
- ❖ Long-term durability
- ❖ Large sheets reducing on site seaming (930 m²)
- ❖ Fast and easy installation
- ❖ High flexibility (at high and low temperatures, as a result adapts to irregular shapes)
- ❖ High puncture resistance

pipe penetrations are no problem for the DBS EPDM. DBS provided a continuous support in ordering all materials as well as coordinating the installation of the lining system. The result of this excellent collaboration is an artificial pond that meets all expected standards.



Bansal wires
video.mp4

For further information about waterproofing applications, please contact: Marketing Office: Statesman House I Office no-805, 8th Floor I Avanta Business Centre I Barakhamba Road I Connaught Place Delhi – 110001 (India)

Registered Office: Sir Sobha Singh Building | 2nd Floor, 5286 Shradhanand Marg, Ajmeri Gate | Delhi -110006 (India)

Tel: 011-66308888/23216062

Email: sales@dbsbp.com/Info@dbsbp.com