

THE LAGOON BY AVINASH - Naya Raipur, Chhattisgarh



Luxurious Villas in Naya Raipur - The Lagoon

Truly a place for the mind, body and soul!

Established in 1996, Avinash Group is one of the most reputable real estate builders in Raipur, Chhattisgarh that has changed the dynamics of real estate developers in India.

Lagoon is a project to break the line between a first home and your second. Your homes in a tropical cove. Designed in a Neo Bali style of architecture that celebrates the Buddhist philosophy of inclusivity and oneness.

The masterplan has a circumventing forest trail and the centre shaped into a tropical landscaped lake. Villas have open green spaces at both ends and exotic waterfronts. The central lake connects the necklace of villas around. 2 levels of built masses are contained within the forest foliage.

DBS lining system was installed for waterproofing the whole pond spread over an area of more than 10,000 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

Quick Facts

Project scope:

- ❖ **Owning an Avinash branded property is a choice, but experiencing it is nothing short of bliss.**
- ❖ **>10,000 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: Avinash Group**

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

won't puncture the membrane. The elongation properties help the membrane to accommodate to differential soil settlements. Waterfalls, islands, even 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.



For further information about waterproofing applications, please contact:

Marketing Office: Statesman House | Office no-805, 8th Floor | Avanta Business Centre | Barakhamba Road | 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