

DESALINATION ENERGIZED BY

LANXESS
Energizing Chemistry

X Lewabrane®

REFERENCE LIST

Lewabrane® RO membrane elements are designed for state-of-the-art desalination of seawater, brackish water, and low-salinity water in industrial and potable water applications. LANXESS manufactures its Lewabrane® RO membrane elements in a modern production plant in Bitterfeld, Germany, and plans to double the production capacity in 2017.

Country	City	Capacity		Water type	Industry	Element type
Europe, Middle East, Africa						
Egypt	Alexandria	5,760	m ³ /day	River water	Chemicals	B400 FR
Egypt	Ras Sedr	2,500	m ³ /day	Seawater	Municipal	S400 HR
Egypt	Ain Sokhna	960	m ³ /day	Brackish water	Municipal	B400 FR
Egypt	Hurghada	600	m ³ /day	Seawater	Municipal	S400 HR
Egypt	Sharm El Sheikh	500	m ³ /day	Seawater	Municipal	S400 HR
Germany	Leuna	5,280	m ³ /day	River water	Oil & gas	B400 HR
Germany	Frankfurt/Main	3,600	m ³ /day	Low-salinity water	Refining/chemicals	B400 LE ASD
Germany	Chemnitz	2,880	m ³ /day	Low-salinity water	Power	B400 FR
Germany	Bad Köstritz	2,400	m ³ /day	Low-salinity water	Refining/chemicals	B400 LE
Germany	Wiesbaden	1,440	m ³ /day	Low-salinity water	Refining/chemicals	B400 LE
Germany	Lippendorf	1,200	m ³ /day	Low-salinity water	Power	B400 FR
Namibia	Windhoek	1,044	m ³ /day	Low-salinity water	Food & beverage	B400 FR ASD
Poland	Głogów	1,200	m ³ /day	River water	Power	B400 LE
Poland	Myszków	864	m ³ /day	Low-salinity water	Food & beverage	B400 LE
Poland	Czarna Woda	480	m ³ /day	Low-salinity water	Pulp & paper	B400 LE
Poland	Lębork	384	m ³ /day	Low-salinity water	Food & beverage	B400 HF
Poland	Jedlicze	240	m ³ /day	Low-salinity water	Oil & gas	B400 LE
Romania	Ploiești	2,040	m ³ /day	Low-salinity water	Oil & gas	B440 LE
Russian Federation	Shchekino	7,800	m ³ /day	Low-salinity water	Refining/chemicals	B370 HF
Russian Federation	Nizhnekamsk	2,448	m ³ /day	Low-salinity water	Power	B400 HR
Serbia	Pančevo	7,200	m ³ /day	River water	Oil & gas	B400 LE
Slovakia	Bratislava	16,200	m ³ /day	River water	Oil & gas	B400 HR
South Africa	Newcastle	312	m ³ /day	Low-salinity water	Refining/chemicals	B400 HR
Turkey	Bursa	14,400	m ³ /day	Wastewater	Wastewater reuse	B400 LE
Americas						
Brasil	Triunfo	10,080	m ³ /day	Low-salinity water	Petrochemicals	B400 LE
Brasil	Cabo de Santo Agostinho	1,680	m ³ /day	Surface water	Chemicals	B400 HF
Brasil	São Paulo	1,440	m ³ /day	Low-salinity water	Power	B400 HR / S400 HR
Colombia	Cali	868	m ³ /day	Brackish water	Power	B400 FR
Colombia	Medellín	336	m ³ /day	Wastewater	Food & beverage	B370 HR
Mexico	Tampico	13,824	m ³ /day	Low-salinity water	Oil & gas	B400 FR
Mexico	Xalostoc	2,180	m ³ /day	Brackish water	Food & beverage	B400 FR
Mexico	Ixtlahuacán	1,090	m ³ /day	Brackish water	Food & beverage	B400 LE
Mexico	Nava	1,008	m ³ /day	Surface water	Other	B400 HR / B400 LE
Mexico	Veracruz	1,000	m ³ /day	Surface water	Food & beverage	B400 FR

Country	City	Capacity		Water type	Industry	Element type
Americas						
Peru	Trujillo	720	m ³ /day	Wastewater	Food & beverage	B400 LE
USA	Houston	1,706	m ³ /day	Low-salinity water	Power	B400 LE
USA	Tampa	1,200	m ³ /day	Wastewater	Power	B370 HR
Asia-Pacific						
Australia	Sydney	6,000	m ³ /day	Low-salinity water	Wastewater reuse	B400 HR / B440 HR
Australia	Perth	4,000	m ³ /day	Brackish water	Power	B440 HR
Australia	Perth	2,500	m ³ /day	Brackish water	Power	B400 HR
China	Huhehaote	8,640	m ³ /day	Wastewater	Refining/chemicals	B400 HR
China	Ningxia	8,400	m ³ /day	Wastewater	Mining	B400 FR
China	Fushan	7,680	m ³ /day	Wastewater	Wastewater reuse	B400 FR
China	Manzhouli	4,800	m ³ /day	Low-salinity water	Pulp & paper	B400 HR
China	Pingxiang	4,320	m ³ /day	Low-salinity water	Power	B400 FR
China	Puyang	2,880	m ³ /day	Low-salinity water	Chemicals	B400 HR
China	Taiyuan	2,400	m ³ /day	Low-salinity water	Power	B400 FR
China	Linfen	2,400	m ³ /day	Low-salinity water	Power	B400 FR
China	Hangzhou	2,400	m ³ /day	Pure water	Refining/chemicals	B400 HF
China	Ningbo	2,400	m ³ /day	Wastewater	Chemicals	B400 FR
China	Qingdao	1,920	m ³ /day	Low-salinity water	Power	B400 HR
China	Wuhan	1,440	m ³ /day	Pure water	Refining/chemicals	B400 HR / B400 LE
China	Shanghai	1,200	m ³ /day	Low-salinity water	Refining/chemicals	B400 HR
China	Nanjing	960	m ³ /day	Low-salinity water	Power	B400 HR
India	Mumbai	1,340	m ³ /day	Brackish water	Electroplating	B370 HR
India	Chennai	800	m ³ /day	Brackish water	Power	B400 HR
India	Nagda	760	m ³ /day	Wastewater	Chemicals	B400 HR
India	Tiruppur	480	m ³ /day	Wastewater	Textile	B400 FR
India	Surat	240	m ³ /day	Brackish water	Textile	B400 FR
Indonesia	Jakarta	1,560	m ³ /day	Seawater	Municipal	S400 HF
Indonesia	Surabaya	840	m ³ /day	River water	Other	B400 HR
South Korea	Gumi	5,300	m ³ /day	Wastewater	Refining/chemicals	B400 FR
South Korea	Ansan	4,750	m ³ /day	Low-salinity water	Electronic industry	B400 HR
South Korea	Pyeongtaek	3,400	m ³ /day	Low-salinity water	Electronic industry	B400 HR
Thailand	Samut Sakhon	2,300	m ³ /day	Brackish water	Electronic industry	B400 HR
Vietnam	Haiphong	720	m ³ /day	Surface water	Automotive	B400 FR

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