

## Title

Renolith Brand History

## Context

The Renolith brand has a long and complicated history. There are many myths and misconceptions.

## Aim

The aim of this document is to articulate key facts in the Renolith brand history to provide context for the launch of the “Renolith 2.0” product in 2023.

## Quick Summary

- “Renolith 2.0” is the branding for latest (2023) generation of the genuine Renolith admixture product line.
- The provenance of “Renolith” admixture previously sold in Australia is uncertain. It is understood that product sold:
  - prior to 2000 was genuine,
  - from 2000-2001 may or may not have been genuine, and
  - from 2002-2014 was not genuine.
- “Renolith WS” and “Renolith WP” admixtures (sold in Australia from circa 2001 to 2014) were not genuine Renolith.
- “Renolith” and “NanoTerraSoil” (NTS) and “NanoTerraConcrete” (NTC) are/were the same product. NTS & NTC brands are no longer supported.

**Table 1: Renolith brand timeline**

Brand name	Renolith	NTS	NTC	NTS-50	Renolith 2.0	Renolith WS	Renolith WP	
Provenance	Original formula			Double concentrate		NOT genuine Renolith		
Patent	WO1997023433A2			WO2010018020A1		WO2016141439A1		
Nanotechnology	Proprietary nanotechnology					?		
Technical issues	Nil					Shrinkage cracking		
Epoch	Availability / main markets							
1996-2000	SE Asia, Aus							
2001-2007	SE Asia	Europe, Russia					Australia	
2008-2014		Europe, Russia						
2015-2021								
2022+							Global	

## 1990s

In the early 1990s, Australian entrepreneur Mike Alexander conceived an idea for a road construction system, with the objectives that the roads be long-lasting, simple and quick to build and at half the cost. The technology for such a system did not exist, so he approached German industrial chemist and nanotech pioneer, Mr Gerd Thöne. After years of research and development, [Gerd](#) and the [Nano GmbH](#) team were successful. Renolith™ was invented and originally patented in 1995 (Patent [WO1997023433A2](#)).

In 1996, a marketing and distribution agreement for the Renolith product was executed between its inventor - Mr Gerd Thöne and Mike Alexander’s company - Renolith International

Pty Ltd (originally Jimik Pty Ltd). Renolith International Pty Ltd commenced manufacture and sale of Renolith in Australia and achieved some early successes, most notably with the [Sydney Olympic Games](#).

### **2000-2022: Australia**

In the late 1990s, a complicated dispute arose relating to marketing and distribution rights and (non)payment of royalties. ICC International Court of Arbitration [Case No. 10884/DK was decided](#) in two Awards, dated 07 Sep 21 and 21 Jan 02. Renolith International Pty Ltd essentially won the case and continued to manufacture and sell products under the Renolith brand name in Australia. A new company, Renolith Technology Corporation Limited (Renolitech), was established in Thailand to manufacture and sell Renolith in other regions.

Although Renolith International Pty Ltd won case 10884/DK and was able to continue using the Renolith brand name, it was a pyrrhic victory. A critical ingredient in the manufacture of genuine Renolith is a special aqueous formulation of silicon dioxide nanoparticles and nanocellulose. The recipe for this nanotechnology is a proprietary secret of Nano GmbH. Nano GmbH ceased supply of this critical nanotechnology to Renolith International Pty Ltd.

No longer able to manufacture genuine Renolith, Renolith International Pty Ltd sold a substitute product (MSDS Chemwatch 5131-53) under the Renolith brand and new products “Renolith WS” (MSDS Chemwatch 5131-54) and “Renolith WP” (MSDS Chemwatch 6606-07). These products (Patent [WO2016141439A1](#)) had a completely different formula to genuine Renolith. They lacked the critical nanotechnology. They were not endorsed by Nano GmbH. Not surprisingly, they didn’t perform nearly as well as the genuine product. [Shrinkage cracking was a common problem](#).

[An application for winding up of Renolith International Pty Ltd](#) was sought by Chep Australia in 2013. In 2014, the assets were [acquired by Laing O’Rourke](#). “Renolith WS” was rebranded as “[Stabilor C](#)”. “Renolith WP” was rebranded as “[Stabilor P](#)”. Stabilor Pty Ltd (a subsidiary of Laing O’Rourke) promoted Stabilor C & Stabilor P products via [Stabilor.com](#) until early 2022. Thereafter, [Stabilor.com](#) domain was redirected to [Hiwaygroup.com.au](#)

### **2000-2022: Rest of World**

[Renolitech](#) Thailand continues to manufacture and sell original formula (genuine) product under the Renolith brand in South East Asia.

Original formula Renolith admixture was sold in Europe under the “[NanoTerraSoil](#)” (NTS) and “NanoTerraConcrete” (NTC) brands until circa 2015 when the distribution agreement expired. NTS/NTC brands are no longer supported by Nano GmbH.

### **2023: Renolith 2.0**

Genuine Renolith admixture was reintroduced to Australia by Grey Vort Pty Ltd in 2023 via [Renolith.com.au](#) with release of the new “Renolith 2.0” formula. “Renolith 2.0” is the latest generation Renolith formula (Based upon Patent [WO2010018020A1](#)), manufactured under an ISO 9001 compliant Quality Management System with oversight by Nano GmbH. “Renolith 2.0” is a double concentrate of the original genuine Renolith (ie. Only half as much is needed to achieve a similar outcome).

Table 2: Renolith 2.0 organisational structure

<b>Organisation</b>	<b>Key Functions</b>	<b>Location</b>
<a href="#">Nano GmbH</a>	Admixture R&D Oversight manufacture	Germany
<a href="#">Renolith.com.au</a>	Brand HQ Engineering Marketing Sales Logistics/distribution	Australia
<a href="#">RMIT</a>	Applications R&D	Australia

### Change History

<b>Date</b>	<b>Version</b>	<b>Notes / changes</b>
05 Nov 22	V1.0	Initial release
28 Apr 22	V1.1	Minor updates. Add Table 2
29 Nov 23	V1.2	Add Table 1
24 Apr 24	V1.3	Added chemwatch references. Minor edits.